

Logon
*** It is now 9/11/2007 3:26:56 PM ***

Welcome to DialogLink - Version 5 Revolutionize the Way You Work!

New on Dialog

Enhanced Derwent World Patents Index Now Available

The enhanced *Derwent World Patents Index*[®] (*DWPI*SM) (Files 350,351,352) is now available on Dialog. The improvements implemented in *DWPI* on Dialog further extend the database's rich content set and enhances overall functionality of the database.

In addition to distilled expert analysis reflected in *DWPI* expanded titles and abstracts, other enhancements include original patent filing details, multiple patent images, easy cut-and-paste patent family data, and much more.

The new templates include new features that will help you manage and distribute your *DWPI* search results in an attractive format.

Learn about all of the new *DWPI* enhancements and report templates at <http://www.dialog.com/dwpi>.

DialogLink 5 Release Notes

New features available in the latest release of DialogLink 5 (November 2005)

- Ability to resize images for easier incorporation into DialogLink Reports
- New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft Word, RTF, PDF, HTML, or TEXT)
- Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database
- Support for connections to STN Germany and STN Japan services

Show Preferences for details

? Help Off Line
* * *

Connecting to shayglass - Dialog - 290603
Connected to Dialog via SMS002119415

? b 411
> Set Files all
> Select (computer (s) warranty (s) (upgrade or configur?))
>>>W: Unmatched parentheses

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>>>W: Unmatched parentheses
No databases have items, of 565 searched.

Hits File Name

```

> Set Files all
> Select (computer (s) warranty (s) (upgrade or configur?))
Processing
>>>W: I/O error in file 220
Processing
Processing
Processing
Processing
141 databases have items, of 565 searched.

```

| Hits | File Name |
|------|--|
| 1 | 7 <u>Social SciSearch(R) 1972-2007/Sep W1</u> |
| 1 | 8 <u>Ei Compendex(R) 1884-2007/Sep W1</u> |
| 35 | 9 <u>Business & Industry(R) Jul/1994-2007/Sep 03</u> |
| 6 | 13 <u>BAMP 2007/Sep W2</u> |
| 1 | 14 <u>Mechanical and Transport Engineer</u> |
| 69 | 15 <u>ABI/Inform(R) 1971-2007/Sep 11</u> |
| 262 | 16 <u>Gale Group PROMT(R) 1990-2007/Sep 09</u> |
| 18 | 18 <u>Gale Group F&S Index(R) 1988-2007/Sep 05</u> |
| 331 | 20 <u>Dialog Global Reporter 1997-2007/Sep 11</u> |
| 2 | 30 <u>AsiaPacific 1985-2007/Sep 05</u> |
| 172 | 47 <u>Gale Group Magazine DB(TM) 1959-2007/Aug 28</u> |
| 1 | 56 <u>Computer and Information Systems</u> |
| 1 | 60 <u>ANTE</u> |
| 1 | 63 <u>Transport Res(TRIS) 1970-2007/Jul</u> |
| 1 | 75 <u>TGG Management Contents(R) 86-2007/Aug W4</u> |
| 2 | 80 <u>TGG Aerospace/Def.Mkts(R) 1982-2007/Sep 04</u> |
| 1 | 81 <u>MIRA - Motor Industry Research 2001-2007/May</u> |
| 110 | 88 <u>Gale Group Business A.R.T.S. 1976-2007/Aug 31</u> |
| 2 | 99 <u>Wilson Appl. Sci & Tech Abs 1983-2007/Jul</u> |
| 4 | 101 <u>Disclosure Database(R) 2007/Sep W1</u> |
| 2 | 103 <u>Energy SciTec 1974-2007/Jul B2</u> |

1 133 S&P's Corp.Descrip.+News 2007/Aug 31
1 139 EconLit 1969-2007/Aug
5 141 Readers Guide 1983-2007/Jun
2 147 The Kansas City Star 1995-2003/Sep 26
287 148 Gale Group Trade & Industry DB 1976-2007/Sep 05
3 149 TGG Health&Wellness DB(SM) 1976-2007/Sep W1
1 155 MEDLINE(R) 1950-2007/Sep 10
47 160 Gale Group PROMT(R) 1972-1989
2 180 Federal Register 1985-2007/Sep 11
2169 194 FBODaily 1982/Dec-2007/Jun
116 195 FBODaily MAY 2005-2007/Sep 10
1 198 Health Devices Alerts(R) 1977-2007/May W3
2 211 Gale Group Newsearch(TM) 2007/Sep 04
1 215 ONTAP(R) ABI/INFORM(R)
1 216 ONTAP(R) Gale Group PROMT(R)
1 248 PIRA 1975-2007/Aug W2
1 256 TecInfoSource 82-2007/Apr
8 258 AP News Jul 2000-2007/Sep 11
2 262 CBCA Fulltext 1982-2007/Sep 04
14 264 DIALOG Defense Newsletters 1989-2007/Sep 07
5 267 Finance & Banking Newsletters 2007/Sep 04
395 275 Gale Group Computer DB(TM) 1983-2007/Aug 22
2 280 ONTAP Derwent World Patents Index
9 324 GERMAN PATENTS FULLTEXT 1967-200735
2 331 Derwent WPI First View UD=200755

22 340 CLAIMS(R)/US Patent 1950-07/Sep 06

3 342 Derwent Patents Citation Indx 1978-07/200754

9 345 Inpadoc/Fam.& Legal Stat 1836-2007/UD=200735

1 347 JAPIO Dec 1976-2007/Mar(Updated 070809)

8 348 EUROPEAN PATENTS 1978-2007/ 200735

46 349 PCT FULLTEXT 1979-2007/UB=20070823UT=20070816

5 388 PEDS

4 433 Charleston Newspapers 1997-2007/Sep 07

1 471 New York Times Fulltext 1980-2007/Sep 09

2 476 Financial Times Fulltext 1982-2007/Sep 09

4 483 Newspaper Abs Daily 1986-2007/Sep 11

25 484 Periodical Abs Plustext 1986-2007/Sep W1

6 485 Accounting & Tax DB 1971-2007/Sep W1

1 486 Press-Telegram 1992- 2007/Sep 09

3 492 Arizona Repub/Phoenix Gaz 19862002/Jan 06

1 536 (GARY) POST-TRIBUNE 1992-1999/Dec 30

63 541 SEC Online(TM) Annual Repts 1997/Sep W3

332 542 SEC Online(TM) 10-K Reports 1997/Sep W3

57 543 SEC Online(TM) 10-Q Reports 1997/Sep W3

8 544 SEC Online(TM) Proxy Repts 1997/Sep W3

209 545 Investext(r)Archive 1982-2007/MAR 31

5 553 Wilson Bus. Abs. 1982-2007/Aug

1 559 CORPTECH Dir of Tech Companies 2007/Jan

1 568 Asian Bus. Intelligence Rpts 2002/Oct 25

6 570 Gale Group MARS(R) 1984-2007/Sep 03

7 583 Gale Group Globalbase(TM) 1986-2002/Dec 13
 1 584 KOMPASS USA 2007/JUL
 7 587 Jane's Defense&Aerospace 2007/Aug W2
 19 589 FI Defense Market Intelligence 2007/Sep 05
 51 608 KR/T Bus.News. 1992-2007/Sep 11
 128 609 Bridge World Markets 2000-2001/Oct 01
 39 610 Business Wire 1999-2007/Sep 11
 53 613 PR Newswire 1999-2007/Sep 11
 52 619 Asia Intelligence Wire 1995-2007/Sep 09
 106 621 Gale Group New Prod.Annou.(R) 1985-2007/Sep 04
 3 624 McGraw-Hill Publications 1985-2007/Sep 11
 1 631 Boston Globe 1980-2007/Sep 07
 46 635 Business Dateline(R) 1985-2007/Sep 11
 109 636 Gale Group Newsletter DB(TM) 1987-2007/Sep 07
 2 637 Journal of Commerce 1986-2007/Sep 18
 1 638 Newsday/New York Newsday 1987-2007/Sep 10
 2 640 San Francisco Chronicle 1988-2007/Sep 09
 1 644 (Boulder) Daily Camera 1995- 2007/Sep 08
 1 645 Contra Costa Papers 1995- 2007/Sep 07
 3 646 Consumer Reports 1982-2007/Jul
 19 647 CMP Computer Fulltext 1988-2007/Sep W4
 92 649 Gale Group Newswire ASAP(TM) 2007/Sep 06
 1 652 US Patents Fulltext 1971-1975
 613 654 US PAT.FULL. 1976-2007/SEP 06
 20 674 Computer News Fulltext 1989-2006/Sep W1

- 12 696 DIALOG Telecom. Newsletters 1995-2007/Sep 10
- 1 701 St Paul Pioneer Pr Apr 1988-2006/Sep 24
- 1 702 Miami Herald 1983-2007/Sep 06
- 1 706 (New Orleans)Times Picayune 1989-2007/Sep 10
- 3 710 Times/Sun.Times(London) Jun 1988-2007/Sep 11
- 1 711 Independent(London) Sep 1988-2006/Dec 12
- 2 713 Atlanta J/Const. 1989-2007/Sep 09
- 1 716 Daily News Of L.A. 1989-2007/Sep 07
- 3 718 Pittsburgh Post-Gazette Jun 1990-2007/Sep 11
- 1 725 (Cleveland)Plain Dealer Aug 1991-2007/Sep 10
- 1 726 S.China Morn.Post 1992--2007/Sep 09
- 9 727 Canadian Newspapers 1990-2007/Aug 29
- 5 728 Asia/Pac News 1994-2005/Dec W2
- 2 735 St. Petersburg Times 1989- 2007/Sep 09
- 2 743 (New Jersey)The Record 1989-2007/Sep 09
- 1 750 Emerging Mkts & Middle East News 1995-2005/Dec 13
- 8 753 IBISWorld Market Research 2000-2005/Nov W2
- 6 754 IPO Maven 1994-2000/Jul
- 2 756 Daily/Sunday Telegraph 2000-2007/Sep 10
- 12 759 Business Insights 1992-2007/Aug
- 30 761 Datamonitor Market Res. 1992-2007/Sep
- 3 763 FREEDONIA MARKET RES. 1990-2007/MAY
- 11 764 BCC Market Research 1989-2007/Jul
- 35 765 Frost & Sullivan 1992-1999/Apr
- 14 767 Frost & Sullivan Mkt Eng 2007/JUL31

1 768 EIU Market Research 2007/Sep 03
4 774 EdgarPlus(TM)-Prospectuses 2006/Oct 03
9 775 EdgarPlus(TM)-Reg. Statements 2006/Oct 03
3 777 EdgarPlus(TM)-Annual Reports 2006/Oct 03
1 778 EdgarPlus(TM)-10-K & 20-F Filings 2006/Oct 03
3 780 EdgarPlus(TM)-Proxy Statements 2006/Oct 03
19 781 ProQuest Newsstand 1998-2007/Sep 11
3 805 ONTAP(R) Gale Group Computer DB(TM)
34 813 PR Newswire 1987-1999/Apr 30
3 816 Canada NewsWire 1996-1999/Jun 24
1 817 South American Business Info. 1996-1999/May 24
8 861 UPI News 1996-1999/May 27
7 985 World News Connection(R) 1995-2007/Sep 11
121 990 NewsRoom Current Jan 1 -2007/Sep 11
182 991 NewsRoom 2006 Jan 1-2006/Dec 31
192 992 NewsRoom 2005
114 993 NewsRoom 2004
150 994 NewsRoom 2003
69 995 NewsRoom 2002
118 996 NewsRoom 2000-2001

Estimated Cost Summary

| Project | | Client | | Charge Code | | Searcher | | Job | | Service Code | User Number |
|----------------|------------|---------------|--------------|-------------|--------|------------|--------|------------|--------|--------------|-------------|
| | | | | | | shayglass | | | | 51 | 290603 |
| Date | | Time | | SessionID | | Subsession | | Subaccount | | | |
| 09/11/2007 | | 14:33:06 | | 5 | | 3 | | | | | |
| Data Base | Dial Units | Access Charge | Print Credit | Types | Prints | Report | Rank | Links | CSS | Total | |
| 411 | 12.1610 | 35.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.75 | |
| Sub Totals | 12.1610 | \$35.75 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$35.75 | |
| Session Totals | 12.5170 | \$35.78 | | Telecom | \$1.58 | | | | | \$37.36 | |

>>>E: No databases were chosen

? b 411

> Set Files all

> Select computer (s) warranty (s) (upgrade or configur?) and (digital (n) sign?) and (unique or identification or id) and number

Processing

Processing

Processing

Processing

Processing

>>>W: I/O error in file 220

Processing

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Processing

25 databases have items, of 565 searched.

| Hits | File Name |
|------|--|
| 1 | 16 <u>Gale Group PROMT(R) 1990-2007/Sep 09</u> |
| 9 | 20 <u>Dialog Global Reporter 1997-2007/Sep 11</u> |
| 1 | 101 <u>Disclosure Database(R) 2007/Sep W1</u> |
| 1 | 148 <u>Gale Group Trade & Industry DB 1976-2007/Sep 05</u> |
| 13 | 194 <u>FBODaily 1982/Dec-2007/Jun</u> |
| 1 | 195 <u>FBODaily MAY 2005-2007/Sep 10</u> |
| 1 | 275 <u>Gale Group Computer DB(TM) 1983-2007/Aug 22</u> |
| 1 | 340 <u>CLAIMS(R)/US Patent 1950-07/Sep 06</u> |
| 1 | 348 <u>EUROPEAN PATENTS 1978-2007/ 200735</u> |
| 12 | 349 <u>PCT FULLTEXT 1979-2007/UB=20070823UT=20070816</u> |
| 2 | 542 <u>SEC Online(TM) 10-K Reports 1997/Sep W3</u> |
| 1 | 587 <u>Jane's Defense&Aerospace 2007/Aug W2</u> |
| 4 | 589 <u>FI Defense Market Intelligence 2007/Sep 05</u> |
| 2 | 636 <u>Gale Group Newsletter DB(TM) 1987-2007/Sep 07</u> |
| 91 | 654 <u>US PAT.FULL. 1976-2007/SEP 06</u> |
| 1 | 759 <u>Business Insights 1992-2007/Aug</u> |
| 1 | 774 <u>EdgarPlus(TM)-Prospectuses 2006/Oct 03</u> |
| 1 | 775 <u>EdgarPlus(TM)-Reg. Statements 2006/Oct 03</u> |
| 1 | 780 <u>EdgarPlus(TM)-Proxy Statements 2006/Oct 03</u> |
| 3 | 990 <u>NewsRoom Current Jan 1 -2007/Sep 11</u> |
| 4 | 991 <u>NewsRoom 2006 Jan 1-2006/Dec 31</u> |
| 7 | 992 <u>NewsRoom 2005</u> |
| 2 | 993 <u>NewsRoom 2004</u> |
| 2 | 994 <u>NewsRoom 2003</u> |

Estimated Cost Summary

| Project | | Client | | Charge Code | | Searcher | | Job | | Service Code | User Number |
|----------------|------------|---------------|--------------|-------------|--------|------------|--------|------------|--------|--------------|-------------|
| | | | | | | shayglass | | | | 51 | 290603 |
| Date | | Time | | SessionID | | Subsession | | Subaccount | | | |
| 09/11/2007 | | 14:51:15 | | 5 | | 5 | | | | | |
| Data Base | Dial Units | Access Charge | Print Credit | Types | Prints | Report | Rank | Links | CSS | Total | |
| 411 | 32.6560 | 96.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 96.01 | |
| Sub Totals | 32.6560 | \$96.01 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$96.01 | |
| Session Totals | 45.5140 | \$134.21 | | Telecom | \$4.32 | | | | | \$138.53 | |

Begin 16,20,148,275,348,349,636

[File 16] **Gale Group PROMT(R)** 1990-2007/Sep 09

(c) 2007 The Gale Group. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/Sep 11

(c) 2007 Dialog. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Sep 05

(c)2007 The Gale Group. All rights reserved.

**File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.*

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Aug 22

(c) 2007 The Gale Group. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200735

(c) 2007 European Patent Office. All rights reserved.

**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT** 1979-2007/UB=20070823UT=20070816

(c) 2007 WIPO/Thomson. All rights reserved.

**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Sep 07

(c) 2007 The Gale Group. All rights reserved.

SELECT computer (s) warranty (s) (upgrade or configur?) and (digital (n) sign?) and
(unique or identification or id) and number

Processing
Processing
Processing
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Processing
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Processing

| | |
|----------|---|
| 7499103 | COMPUTER |
| 302060 | WARRANTY |
| 1087196 | UPGRADE |
| 1828668 | CONFIGUR? |
| 1438 | COMPUTER(S)WARRANTY(S) (UPGRADE OR CONFIGUR?) |
| 3473454 | DIGITAL |
| 15876746 | SIGN? |
| 254267 | DIGITAL(N) SIGN? |
| 3165278 | UNIQUE |
| 875628 | IDENTIFICATION |
| 1289227 | ID |
| 13188338 | NUMBER |

S1 27 SELECT COMPUTER (S) WARRANTY (S) (UPGRADE OR CONFIGUR?) AND (DIGITAL (N)
SIGN?) AND (UNIQUE OR IDENTIFICATION OR ID) AND NUMBER

?
? s 1/3,k/all
>>>W: Term "ALL" is not defined in one or more files
S2 0 S 1/3,K/ALL

? s 1/3,k/all
>>>W: Term "ALL" is not defined in one or more files
S3 0 S 1/3,K/ALL

? PICKLIST 1

1/8/1 (Item 1 from file: 16)

06104547 Supplier Number: 53680692 (USE FORMAT 7 FOR FULLTEXT)
Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio
Frequency-based Security.(ThinkPad 770Z and 600E notebook PCs)(Product
Announcement)
Feb 1, 1999
Word Count: 1261
PUBLISHER NAME: EDGE Publishing
COMPANY NAMES: *International Business Machines Corp. Personal Systems
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *3573141 (Intel-Compatible Notebook Computers)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation); TELC (Telecommunications)
NAICS CODES: 334111 (Electronic Computer Manufacturing)
TRADE NAMES: IBM Thinkpad 770Z (Pentium II-based notebook); IBM ThinkPad
600E (Pentium II-based notebook)
SPECIAL FEATURES: COMPANY

1/8/2 (Item 1 from file: 20)

49307564 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Infocomm 2006 Exhibitor Profiles
June 01, 2006
WORD COUNT: 9203

COMPANY NAMES: 3M Co; ACT Teleconferencing Inc; Adobe Systems Inc;
Advanced Micro Devices Inc; Apple Computer Inc; Belden CDT Inc;
Bogen Communications International Inc; Calcomp Technology Inc; Cisco
Systems Inc; DCS Group PLC; Dana Corp; Focus Enhancements Inc; Ford
Motor Co; Hauser Inc; International Organization for Standardization;
Keller AG; Microsoft Corp; Orion Oyj; Pegasus Group PLC; Polycom
Inc; Radvision Ltd; Robert Bosch GmbH; Rusconi Editore SpA; TM Group
Holdings PLC; Unisys Corp; United Nations; Westbury PLC

DESCRIPTORS: Arts Antiques & Collecting; Awards; Company News;
Contracts & New Orders; Corporate Finance; Crimes; Education
& Training; Expenditure; Facilities & Equipment; General News
; Government News; Health & Healthcare; International Affairs;
Marketing; New Products & Services; Product Management;
Production; Quality Management; Service & Product Use; Social
Welfare & Social Services; Strategy; Trade Fairs & Exhibitions

COUNTRY NAMES/CODES: Australia (AU) ; Canada (CA) ; China (CN) ;
Denmark (DK) ; France (FR) ; Mexico (MX) ; Netherlands (NL) ;
Norway (NO) ; Singapore (SG) ; Switzerland (CH) ; Taiwan (TW) ;
United Kingdom (GB) ; United States of America (US)

REGIONS: Americas; Asia; Australasia; Central America; Europe; Latin
America; North America; South East Asia; Western Europe

PROVINCE/STATE: California; Colorado; England; Florida; Indiana;
Minnesota; New Jersey; New York; Ohio; Oregon; Texas

SIC CODES/DESCRIPTIONS: 3663 (Radio & TV Communications Equipment);
3571 (Electronic Computers); 9721 (International Affairs); 3577 (Computer
Peripheral Equipment NEC); 7372 (Prepackaged Software); 3679 (Electronic
Components NEC); 4813 (Telephone Communications Ex Radio); 9651
(Regulation of Miscellaneous Commercial Sectors); 9411 (Administration of
Educational Programs); 4810 (Telephone Communications); 5731 (Radio
Television & Electronic Stores); 8730 (Research & Testing
Services); 3570 (Computer & Office Equipment); 7371 (Computer
Programming Services); 3651 (Household Audio & Video Equipment); 4911
(Electric Services); 8211 (Elementary & Secondary Schools); 2500
(Furniture & Fixtures); 4812 (Radiotelephone Communications); 3728
(Aircraft Parts & Equipment NEC); 7389 (Business Services NEC); 4581
(Airports Flying Fields & Services); 3861 (Photographic Equipment
& Supplies); 7812 (Motion Picture & Video Tape Production); 3639
(Household Appliances NEC); 9211 (Courts); 5735 (Record & Prerecorded
Tape Stores); 8661 (Religious Organizations); 8712 (Architectural
Services); 3660 (Communications Equipment); 9700 (National Security &
International Affairs); 2711 (Newspapers); 3670 (Electronic Components
& Accessories); 9611 (Administration of General Economic Programs);
5720 (Household Appliance Stores); 8100 (Legal Services); 8200
(Educational Services); 3720 (Aircraft & Parts); 8999 (Services NEC);
4789 (Transportation Services NEC); 3580 (Refrigeration & Service
Machinery); 7810 (Motion Picture Production & Services); 3640
(Electric Lighting & Wiring Equipment); 9200 (Justice Public Order
& Safety); 4800 (Communications); 5940 (Miscellaneous Shopping Goods
Stores); 8399 (Social Services NEC); 8713 (Surveying Services); 9100
(Executive Legislative & General); 3700 (Transportation Equipment);
3500 (Industrial Machinery & Equipment); 7300 (Business Services);
4200 (Trucking & Warehousing)

NAICS CODES/DESCRIPTIONS: 9261 (Admin of Economic Programs); 92311 (Admin
of Education Programs); 923 (Admin of Human Resource Programs); 33641
(Aerospace Product & Parts Mfg); 4881 (Air Transportation Support

Activities); 48811 (Airport Operations); 44311 (Appliance TV & Other Electronics Stores); 5413 (Architectural Engineering & Related Services); 54131 (Architectural Services); 3343 (Audio & Video Equipment Mfg); 4512 (Book Periodical & Music Stores); 513 (Broadcasting & Telecommunications); 513322 (Cellular & Other Wireless Telecommunications); 33331 (Commercial & Service Industry Machinery Mfg); 3342 (Communications Equipment Mfg); 334 (Computer & Electronic Product Mfg); 3341 (Computer & Peripheral Equipment Mfg); 54151 (Computer Systems Design & Related Services); 92211 (Courts); 611 (Educational Services); 2211 (Electric Power Generation Transmission & Distribution); 335 (Electrical Equipment Appliance & Component Mfg); 334111 (Electronic Computer Mfg); 443 (Electronics & Appliance Stores); 61111 (Elementary & Secondary Schools); 337 (Furniture & Related Product Mfg); 3352 (Household Appliance Mfg); 51 (Information); 92812 (International Affairs); 922 (Justice Public Order & Safety Activities); 333 (Machinery Mfg); 512 (Motion Picture & Sound Recording Industries); 5121 (Motion Picture & Video Industries); 51211 (Motion Picture & Video Production); 928 (National Security & International Affairs); 336413 (Other Aircraft Part & Auxiliary Equipment Mfg); 334119 (Other Computer Peripheral Equipment Mfg); 334419 (Other Electronic Component Mfg); 81 (Other Services exc Public Admin); 333315 (Photographic & Photocopying Equipment Mfg); 45122 (Prerecorded Tape CD & Record Stores); 541 (Professional Scientific & Technical Services); 92 (Public Admin); 511 (Publishing Industries); 33422 (Radio TV Broadcast & Wireless Communications Equipment Mfg); 443112 (Radio Television & Other Electronics Stores); 92615 (Regulation Licensing & Inspection of Miscellaneous Commercial Sectors); 813 (Religious Grantmaking Professional & Like Organizations); 81311 (Religious Organizations); 54171 (Research & Development in Physical Engineering & Life Sciences); 44 (Retail Trade); 5417 (Scientific Research & Development Services); 3344 (Semiconductor & Other Electronic Component Mfg); 51121 (Software Publishers); 5122 (Sound Recording Industries); 51224 (Sound Recording Studios); 451 (Sporting Goods Hobby Book & Music Stores); 5133 (Telecommunications); 51333 (Telecommunications Resellers); 48 (Transportation & Warehousing); 336 (Transportation Equipment Mfg); 488 (Transportation Support Activities); 221 (Utilities); 51331 (Wired Telecommunications Carriers); 51332 (Wireless Telecom Carriers exc Satellite)

1/8/3 (Item 2 from file: 20)

49307548 (USE FORMAT 7 OR 9 FOR FULLTEXT)

GLOBALCOMM 2006 Exhibitor Profiles

June 01, 2006

WORD COUNT: 11251

COMPANY NAMES: 3Com Corp; ADC Telecommunications Inc; Advanced Micro Devices Inc; Agilent Technologies Inc; Applied Micro Circuits Corp; Avaya Inc; Aztech Systems Ltd; BEA Systems Inc; Belgacom NV; Brasil Telecom Participacoes SA; CIENA Corp; Cable & Wireless PLC; China Unicom Ltd; Cie Financiere Alcatel; Cisco Systems Inc; Comcast Corp; Covad Communications Group Inc; Cox Communications Inc; DSET Corp; Danaher Corp; EMC Corp; Earthlink Inc; Echostar Communications Corp; European Union; FLAG Telecom Group Ltd; Falcon Communications; Foundry Networks Inc; Frost & Sullivan; Fujitsu Ltd; Gateway Inc; IBM Corp; Ilog SA; Intel Corp; Interface Inc; International Organization for Standardization; International Telecommunication Union; John Menzies PLC; Legrand; MRV Communications Inc; Matsushita Electric Industrial Co Ltd; MetaSolv Inc; Metro AG; Microsoft Corp;

Netopia Inc; Nexans SA; Nortel Networks Corp; Optibase Ltd; RadiSys Corp; Redback Networks Inc; Sanmina-SCI Corp; Scientific-Atlanta Inc; Siemens AG; Singapore Telecommunications Ltd; Sprint Nextel Corp; Stockholmsborsen AB; Swisscom AG; Sycamore Networks Inc; T-Mobile International AG; TELUS Corp; TM Group Holdings PLC; Tata Motors Ltd; Tatung Co Ltd; Telco Systems Inc; Telstra Corp Ltd; Toshiba Corp; United Pan-Europe Communications NV; Verizon Communications Inc; Vodafone Group PLC; ZyXEL Communications Corp

DESCRIPTORS: Awards; Company Management; Company News; Contracts & New Orders; Corporate Finance; Economic News; Education & Training; Expenditure; Facilities & Equipment; General News; Government News; Health & Healthcare; International Affairs; Joint Ventures; Market Share; Marketing; Meetings; New Products & Services; Production; Quality Management; Sales; Science & Technology; Strategy; Trade Fairs & Exhibitions

COUNTRY NAMES/CODES: Australia (AU) ; Brazil (BR) ; Canada (CA) ; China (CN) ; France (FR) ; Germany (DE) ; Hong Kong (HK) ; India (IN) ; Israel (IL) ; Japan (JP) ; Malaysia (MY) ; Singapore (SG) ; Sweden (SE) ; Taiwan (TW) ; United Kingdom (GB) ; United States of America (US)

REGIONS: Americas; Asia; Australasia; Europe; Latin America; Middle East; North America; South America; South Asia; South East Asia; Western Europe

PROVINCE/STATE: British Columbia; California; England; Florida; Illinois; Massachusetts; Minnesota; Mississippi; Missouri; Nevada; New York; Ontario; Texas

SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 3663 (Radio & TV Communications Equipment); 3674 (Semiconductors & Related Devices); 3711 (Motor Vehicles & Car Bodies); 6282 (Investment Advice); 4812 (Radiotelephone Communications); 7372 (Prepackaged Software); 3570 (Computer & Office Equipment); 3660 (Communications Equipment); 3661 (Telephone & Telegraph Apparatus); 4813 (Telephone Communications Ex Radio); 9621 (Regulation Administration of Transportation); 1500 (General Building Contractors); 3700 (Transportation Equipment); 7812 (Motion Picture & Video Tape Production); 8699 (Membership Organizations NEC); 3651 (Household Audio & Video Equipment); 9631 (Regulation Administration of Utilities); 8730 (Research & Testing Services); 5045 (Computers Peripherals & Software); 3639 (Household Appliances NEC); 3572 (Computer Storage Devices); 1521 (Single-Family Housing Construction); 4841 (Cable & Other Pay Television Services); 7371 (Computer Programming Services); 9721 (International Affairs); 9411 (Administration of Educational Programs); 7389 (Business Services NEC); 4810 (Telephone Communications); 8721 (Accounting Auditing & Bookkeeping Services); 3577 (Computer Peripheral Equipment NEC); 7375 (Information Retrieval Services); 8230 (Libraries); 5731 (Radio Television & Electronic Stores); 3670 (Electronic Components & Accessories); 3710 (Motor Vehicles & Equipment); 6211 (Security Brokers & Dealers); 2711 (Newspapers); 9611 (Administration of General Economic Programs); 7810 (Motion Picture Production & Services); 8399 (Social Services NEC); 5040 (Professional & Commercial Equipment); 3640 (Electric Lighting & Wiring Equipment); 4800 (Communications); 8100 (Legal Services); 9700 (National Security & International Affairs); 7300 (Business Services); 7370 (Computer & Data Processing Services); 5720 (Household Appliance Stores); 5000 (Wholesale Trade Durable Goods); 9100 (Executive Legislative & General); 8741 (Management Services); 6000 (Depository Institutions); 5940 (Miscellaneous Shopping Goods Stores)

NAICS CODES/DESCRIPTIONS: 54121 (Accounting Tax Preparation Bookkeeping Payroll Services); 56 (Admin & Support & Waste Management & Remediation Services); 561 (Admin & Support Services); 9261 (Admin of Economic Programs); 92311 (Admin of Education Programs); 923 (Admin of

Human Resource Programs); 44311 (Appliance TV & Other Electronics Stores); 3343 (Audio & Video Equipment Mfg); 33611 (Automobile & Light Duty Motor Vehicle Mfg); 336111 (Automobile Mfg); 513 (Broadcasting & Telecommunications); 233 (Building Developing & General Contracting); 5614 (Business Support Services); 51321 (Cable Networks); 5132 (Cable Networks & Program Distribution); 513322 (Cellular & Other Wireless Telecommunications); 3342 (Communications Equipment Mfg); 334 (Computer & Electronic Product Mfg); 42143 (Computer & Peripheral Equipment & Software Whsle); 3341 (Computer & Peripheral Equipment Mfg); 334112 (Computer Storage Device Mfg); 54151 (Computer Systems Design & Related Services); 23 (Construction); 335 (Electrical Equipment Appliance & Component Mfg); 334111 (Electronic Computer Mfg); 443 (Electronics & Appliance Stores); 813312 (Environment & Wildlife Organizations); 52 (Finance & Insurance); 3352 (Household Appliance Mfg); 51 (Information); 514 (Information & Data Processing Services); 5141 (Information Services); 92812 (International Affairs); 512 (Motion Picture & Sound Recording Industries); 5121 (Motion Picture & Video Industries); 51211 (Motion Picture & Video Production); 3361 (Motor Vehicle Mfg); 928 (National Security & International Affairs); 514191 (On-Line Information Services); 334119 (Other Computer Peripheral Equipment Mfg); 5239 (Other Financial Investment Activities); 51419 (Other Information Services); 81 (Other Services exc Public Admin); 52392 (Portfolio Management); 4214 (Professional & Commercial Equipment & Supplies Whsle); 541 (Professional Scientific & Technical Services); 92 (Public Admin); 511 (Publishing Industries); 33422 (Radio TV Broadcast & Wireless Communications Equipment Mfg); 443112 (Radio Television & Other Electronics Stores); 92612 (Regulation & Admin of Transportation Programs); 92613 (Regulation & Admin of Utilities); 813 (Religious Grantmaking Professional & Like Organizations); 54171 (Research & Development in Physical Engineering & Life Sciences); 2332 (Residential Building Construction); 44 (Retail Trade); 51334 (Satellite Telecommunications); 5417 (Scientific Research & Development Services); 523 (Security Commodity Contracts & Like Activity); 3344 (Semiconductor & Other Electronic Component Mfg); 334413 (Semiconductor & Related Device Mfg); 81331 (Social Advocacy Organizations); 51121 (Software Publishers); 5133 (Telecommunications); 33421 (Telephone Apparatus Mfg); 56142 (Telephone Call Centers); 336 (Transportation Equipment Mfg); 42 (Wholesale Trade); 421 (Wholesale Trade Durable Goods); 51331 (Wired Telecommunications Carriers); 51332 (Wireless Telecom Carriers exc Satellite)

1/8/4 (Item 3 from file: 20)

46562211 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NRF Annual Convention 2006 Exhibitor Profiles
January 12, 2006
WORD COUNT: 8030

DESCRIPTORS: Company News; Marketing; New Products & Services;
Trade Fairs & Exhibitions
PROVINCE/STATE: PWC_Saved_Search

1/8/5 (Item 4 from file: 20)

46394146 (USE FORMAT 7 OR 9 FOR FULLTEXT)
2006 International CES Exhibitor Profiles
January 03, 2006
WORD COUNT: 23592

COMPANY NAMES: European Union; Federal Communications Commission USA;
Office of the Comptroller of the Currency US
DESCRIPTORS: Company News; Marketing; New Products & Services;
Trade Fairs & Exhibitions
COUNTRY NAMES/CODES: United Kingdom (GB) ; United States of America (US)
REGIONS: Americas; Europe; North America; Western Europe

1/8/6 (Item 5 from file: 20)

42691185
InfoComm 2005 Exhibitor Profiles
June 02, 2005
WORD COUNT: 11124

COMPANY NAMES: 3M Co; ACT Teleconferencing Inc; ADTRAN Inc; AMP Ltd;
ATI Technologies Inc; Advance Synergy Capital Bhd; American Power
Conversion Corp; Amphenol Corp; Arel Communications & Software Ltd;
Aris Corp; Avermedia Technologies Inc; Avid Technology Inc; Avocent
Corp; Bogen Communications International Inc; Casio Computer Co Ltd;
Casio Electronics Co Ltd; ClearOne Communications Inc; DCS Group PLC;
Dai Nippon Printing Co Ltd; Elan Corp PLC; GPI; Hitachi Ltd; IDEX
Corp; Interface Inc; International Organization for Standardization;
Mitsubishi Electric Corp; NKK Corp; NM Rothschild & Sons Ltd;
Orion Oyj; Paris Corp; Quantum Corp; Sirius Satellite Radio Inc; TM
Group Holdings PLC; United Parcel Service Inc; VCON Telecommunications
Ltd; V CON Telecommunications Ltd

DESCRIPTORS: Arts Antiques & Collecting; Awards; Company News;
Corporate Finance; Education & Training; Environment; Facilities
& Equipment; General News; Government News; Government Spending;
Human Resources & Employment; Marketing; Meetings; New Products
& Services; Opinion Polls; Patents Licensing & Standards;
Pollution & Waste; Product Management; Production; Research
& Development; Strategy; Trade Fairs & Exhibitions

COUNTRY NAMES/CODES: Australia (AU) ; Belgium (BE) ; Canada (CA) ;
China (CN) ; Denmark (DK) ; Finland (FI) ; France (FR) ; Germany (DE)
; Hong Kong (HK) ; Japan (JP) ; Lithuania (LT) ; Norway (NO) ;
Singapore (SG) ; South Korea (KR) ; Sweden (SE) ; Switzerland (CH) ;
Thailand (TH) ; United Arab Emirates (AE) ; United Kingdom (GB) ;
United States of America (US)

REGIONS: Americas; Arabian States; Asia; Australasia; Europe; Former
USSR; Gulf States; Middle East; North America; South East Asia;
Western Europe

PROVINCE/STATE: Alberta; Arizona; California; Colorado; Missouri;
New Jersey; Ohio; Texas; Utah

SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 4000 (Railroad
Transportation); 6210 (Security Brokers & Dealers); 3674
(Semiconductors & Related Devices); 8999 (Services NEC); 7372
(Prepackaged Software); 3577 (Computer Peripheral Equipment NEC); 8230
(Libraries); 7375 (Information Retrieval Services); 8711 (Engineering
Services); 3600 (Electronic & Other Electric Equipment); 2500
(Furniture & Fixtures); 6300 (Insurance Carriers); 5735 (Record &
Prerecorded Tape Stores); 5813 (Drinking Places); 4833 (Television
Broadcasting Stations); 3572 (Computer Storage Devices); 2700 (Printing
& Publishing); 9411 (Administration of Educational Programs); 3861
(Photographic Equipment & Supplies); 3873 (Watches Clocks Watchcases
& Parts); 8699 (Membership Organizations NEC); 9511 (Air Water &
Solid Waste Management); 3679 (Electronic Components NEC); 3651
(Household Audio & Video Equipment); 3660 (Communications Equipment);
5045 (Computers Peripherals & Software); 7373 (Computer Integrated

Systems Design); 4810 (Telephone Communications); 4812 (Radiotelephone Communications); 5812 (Eating Places); 7999 (Amusement & Recreation Services NEC); 3210 (Flat Glass); 7812 (Motion Picture & Video Tape Production); 6722 (Management Investment Open-End); 5141 (Groceries General Line); 4841 (Cable & Other Pay Television Services); 9211 (Courts); 8412 (Museums & Art Galleries); 4581 (Airports Flying Fields & Services); 5999 (Miscellaneous Retail Stores NEC); 5961 (Catalog & Mail Order Houses); 4813 (Telephone Communications Ex Radio); 3570 (Computer & Office Equipment); 4200 (Trucking & Warehousing); 3670 (Electronic Components & Accessories); 2711 (Newspapers); 7370 (Computer & Data Processing Services); 8713 (Surveying Services); 3600 (Electronic & Other Electronic Equipment); 5940 (Miscellaneous Shopping Goods Stores); 4800 (Communications); 3580 (Refrigeration & Service Machinery); 3820 (Measuring & Controlling Devices); 8399 (Social Services NEC); 9510 (Environmental Quality); 5040 (Professional & Commercial Equipment); 7371 (Computer Programming Services); 7900 (Amusement & Recreation Services); 7810 (Motion Picture Production & Services); 5149 (Groceries & Related Products NEC); 9200 (Justice Public Order & Safety); 4789 (Transportation Services NEC); 5990 (Retail Stores NEC); 5960 (Nonstore Retailers); 8100 (Legal Services); 6000 (Depository Institutions); 7000 (Hotels & Other Lodging Places); 3500 (Industrial Machinery & Equipment); 5000 (Wholesale Trade Durable Goods); 6371 (Pension Health & Welfare Funds); 5100 (Wholesale Trade Nondurable Goods); 9100 (Executive Legislative & General); 5300 (General Merchandise Stores); 3640 (Electric Lighting & Wiring Equipment); 7300 (Business Services)

NAICS CODES/DESCRIPTIONS: 72 (Accommodation & Food Services); 92411 (Admin of Air Water Resource & Solid Waste Management Programs); 92311 (Admin of Education Programs); 9241 (Admin of Environmental Quality Programs); 923 (Admin of Human Resource Programs); 4881 (Air Transportation Support Activities); 48811 (Airport Operations); 33599 (All Other Electrical Equipment & Component Mfg); 453998 (All Other Misc Store Retailers exc Tobacco); 335999 (All Other Miscellaneous Electrical Equipment & Component Mfg); 45399 (All Other Miscellaneous Store Retailers); 713 (Amusement Gambling & Recreation Industries); 5413 (Architectural Engineering & Related Services); 71 (Arts Entertainment & Recreation); 3343 (Audio & Video Equipment Mfg); 4512 (Book Periodical & Music Stores); 513 (Broadcasting & Telecommunications); 51321 (Cable Networks); 5132 (Cable Networks & Program Distribution); 71321 (Casinos exc Hotel Casinos); 513322 (Cellular & Other Wireless Telecommunications); 33331 (Commercial & Service Industry Machinery Mfg); 3342 (Communications Equipment Mfg); 334 (Computer & Electronic Product Mfg); 42143 (Computer & Peripheral Equipment & Software Whsle); 3341 (Computer & Peripheral Equipment Mfg); 334112 (Computer Storage Device Mfg); 54151 (Computer Systems Design & Related Services); 541512 (Computer Systems Design Services); 92211 (Courts); 72241 (Drinking Places Alcoholic Beverages); 335 (Electrical Equipment Appliance & Component Mfg); 334111 (Electronic Computer Mfg); 45411 (Electronic Shopping & Mail-Order Houses); 54133 (Engineering Services); 813312 (Environment & Wildlife Organizations); 52 (Finance & Insurance); 722 (Food Services & Drinking Places); 525 (Funds Trusts & Other Financial Vehicles); 337 (Furniture & Related Product Mfg); 7132 (Gambling Industries); 42241 (General Line Grocery Whsle); 32721 (Glass & Glass Product Mfg); 4224 (Grocery & Related Product Whsle); 51 (Information); 514 (Information & Data Processing Services); 5141 (Information Services); 5241 (Insurance Carriers); 524 (Insurance Carriers & Related Activities); 922 (Justice Public Order & Safety Activities); 72221 (Limited-Service Eating Places); 722211 (Limited-Service Restaurants); 333 (Machinery Mfg); 52391 (Miscellaneous Intermediation); 453 (Miscellaneous Store Retailers); 512 (Motion Picture

& Sound Recording Industries); 5121 (Motion Picture & Video Industries); 51211 (Motion Picture & Video Production); 71211 (Museums); 7121 (Museums Historical Sites & Like Institutions); 3345 (Navigating Measuring Medical Control Instruments Mfg); 454 (Nonstore Retailers); 514191 (On-Line Information Services); 52591 (Open-End Investment Funds); 334119 (Other Computer Peripheral Equipment Mfg); 3359 (Other Electrical Equipment & Component Mfg); 334419 (Other Electronic Component Mfg); 5239 (Other Financial Investment Activities); 51419 (Other Information Services); 5259 (Other Investment Pools & Funds); 81 (Other Services exc Public Admin); 333315 (Photographic & Photocopying Equipment Mfg); 45122 (Prerecorded Tape CD & Record Stores); 323 (Printing & Related Support Activities); 4214 (Professional & Commercial Equipment & Supplies Whsle); 541 (Professional Scientific & Technical Services); 92 (Public Admin); 511 (Publishing Industries); 48211 (Rail Transportation); 813 (Religious Grantmaking Professional & Like Organizations); 44 (Retail Trade); 523 (Security Commodity Contracts & Like Activity); 3344 (Semiconductor & Other Electronic Component Mfg); 334413 (Semiconductor & Related Device Mfg); 81331 (Social Advocacy Organizations); 51121 (Software Publishers); 5122 (Sound Recording Industries); 451 (Sporting Goods Hobby Book & Music Stores); 5133 (Telecommunications); 51312 (Television Broadcasting); 48 (Transportation & Warehousing); 488 (Transportation Support Activities); 334518 (Watch Clock & Part Mfg); 42 (Wholesale Trade); 421 (Wholesale Trade Durable Goods); 422 (Wholesale Trade Nondurable Goods); 51331 (Wired Telecommunications Carriers); 51332 (Wireless Telecom Carriers exc Satellite)

1/8/7 (Item 6 from file: 20)

39919931 (USE FORMAT 7 OR 9 FOR FULLTEXT)
 2005 International CES Exhibitor Profiles, M Through Z
 January 05, 2005
 WORD COUNT: 9008

COUNTRY NAMES/CODES: United Kingdom (GB) ; United States of America (US)
 REGIONS: Americas; Europe; North America; Western Europe
 SIC CODES/DESCRIPTIONS: 7383 (News Syndicates); 8230 (Libraries); 7370 (Computer & Data Processing Services); 2711 (Newspapers)
 NAICS CODES/DESCRIPTIONS: 51 (Information); 514 (Information & Data Processing Services); 5141 (Information Services); 51411 (News Syndicates)

1/8/8 (Item 7 from file: 20)

36900451
 PR Newswire Summary of High Tech Copy, July 26, 2004
 July 26, 2004
 WORD COUNT: 3884

COMPANY NAMES: 2Wire Inc; AVEVA Group PLC; Advanced Energy Industries Inc; Advanced Micro Devices Inc; American Power Conversion Corp; Arrow Electronics Inc; Ascential Software Corp; Ask Jeeves Inc; Autodesk Inc; Avaya Inc; BearingPoint Inc; Bell Microproducts Inc; Bellsouth Corp; CSG Systems International Inc; Citrix Systems Inc; Computer Sciences Corp; Continental Airlines Inc; CosmOTE; CyberSource Corp; Delta Singular SA; Deutsche Telekom AG; Dionics Inc; DoubleClick Inc; EMC Corp; Earthlink Inc; Federal Bureau of Investigation US; FileNet Corp; First Data Corp; France Telecom SA;

Franklin Electronic Publishers; Gateway Inc; Google Inc; HEI Inc; Hilton Group PLC; IBM Corp; Infonow; Intel Corp; International Microcomputer Software Inc; Interoute Telecommunications PLC; Jet Multimedia; LSI Logic Corp; Liberty Group Ltd; Loudeye Corp; MIPS Technology Inc; MKS Instruments Inc; MSC Software Corp; Marconi Corp PLC; Matsushita Electric Industrial Co Ltd; Morgan Stanley; Motorola Inc; NVIDIA Corp; Nam Tai Electronics Inc; Overland Storage Inc; Pearson Education Ltd; PeopleSoft Inc; Performance Technologies Inc; Postini Inc; PricewaterhouseCoopers International Ltd; Proximom Inc; Qualcomm Inc; RSA Security Inc; Radware Ltd; Rohm & Haas Co; Ryan Beck & Co; SCO Group Inc; Saab AB; Seagate Technology LLC; Spescom Ltd; Sprint Corp; Synaptics Inc; TMTouch; Tata Consultancy Services Ltd; Tech Laboratories Inc; Tektronix Inc; Toshiba Corp; Trend Micro Inc; Triton PCS Holdings Inc; United States Army; ValueClick Inc; VeriSign Inc; Verity Inc; Verizon Communications Inc; Verizon Wireless Messaging Services LLC; Vodafone Group PLC; Westbury PLC; XM Satellite Radio Inc; Xyratex; Ziff Davis Media Inc; Zurich Financial Services Group

DESCRIPTORS: Appointments; Awards; Board Changes; Company Management; Company News; Contracts & New Orders; Corporate Finance; Crimes; Dividends; Education & Training; Forecasts & Predictions; Foreign Exchange Markets; General News; Government News; Health & Healthcare; Human Resources & Employment; Interim Results; Joint Ventures; Law & Legal Issues; Market News; Marketing; Markets; Meetings; Name Changes; National Security; Natural Resources; New Products & Services; Patents Licensing & Standards; Political Parties; Politics; Product Management; Production; Quality Management; Research & Development; Resources Management; Results; Science & Technology; Small Business; Sports; Strategy

COUNTRY NAMES/CODES: Aruba (AW) ; Canada (CA) ; China (CN) ; France (FR) ; Germany (DE) ; Greece (GR) ; Hong Kong (HK) ; Israel (IL) ; Italy (IT) ; Japan (JP) ; Spain (ES) ; Switzerland (CH) ; United States of America (US)

REGIONS: Americas; Asia; Caribbean; Europe; Middle East; North America; Western Europe

PROVINCE/STATE: Arizona; California; Colorado; District of Columbia; Faro; Florida; Indiana; Massachusetts; Michigan; Minnesota; Missouri; Nevada; New Jersey; New York; North Carolina; Ohio; Oklahoma; Pennsylvania; Rhode Island; Shanghai; South Carolina; Texas; Utah; Virginia; Washington; Wisconsin

SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 3711 (Motor Vehicles & Car Bodies); 8999 (Services NEC); 3674 (Semiconductors & Related Devices); 3663 (Radio & TV Communications Equipment); 7372 (Prepackaged Software); 3570 (Computer & Office Equipment); 4812 (Radiotelephone Communications); 8221 (Colleges & Universities); 4841 (Cable & Other Pay Television Services); 8010 (Offices & Clinics of Medical Doctors); 4911 (Electric Services); 2721 (Periodicals); 7311 (Advertising Agencies); 9221 (Police Protection); 8711 (Engineering Services); 4512 (Air Transportation Scheduled); 7812 (Motion Picture & Video Tape Production); 9711 (National Security); 9199 (General Government NEC); 3572 (Computer Storage Devices); 8060 (Hospitals); 8062 (General Medical & Surgical Hospitals); 6719 (Holding Companies NEC); 9311 (Finance Taxation & Monetary Policy); 4813 (Telephone Communications Ex Radio); 4810 (Telephone Communications); 2821 (Plastics Materials & Resins); 3660 (Communications Equipment); 9651 (Regulation of Miscellaneous Commercial Sectors); 8743 (Public Relations Services); 2711 (Newspapers); 8721 (Accounting Auditing & Bookkeeping Services); 5045 (Computers Peripherals & Software); 5961 (Catalog & Mail Order Houses); 5731 (Radio Television & Electronic Stores); 7375 (Information Retrieval Services); 3873 (Watches Clocks Watchcases)

& Parts); 8230 (Libraries); 3700 (Transportation Equipment); 3639 (Household Appliances NEC); 8730 (Research & Testing Services); 9111 (Executive Offices); 8071 (Medical Laboratories); 3710 (Motor Vehicles & Equipment); 3670 (Electronic Components & Accessories); 8200 (Educational Services); 4800 (Communications); 7310 (Advertising); 9200 (Justice Public Order & Safety); 8713 (Surveying Services); 4500 (Transportation by Air); 7810 (Motion Picture Production & Services); 9700 (National Security & International Affairs); 9100 (Executive Legislative & General); 8000 (Health Services); 6710 (Holding Offices); 9611 (Administration of General Economic Programs); 5040 (Professional & Commercial Equipment); 5960 (Nonstore Retailers); 5720 (Household Appliance Stores); 3820 (Measuring & Controlling Devices); 7370 (Computer & Data Processing Services); 3640 (Electric Lighting & Wiring Equipment); 8070 (Medical & Dental Laboratories); 8100 (Legal Services); 4200 (Trucking & Warehousing); 5000 (Wholesale Trade Durable Goods); 5940 (Miscellaneous Shopping Goods Stores); 2899 (Chemical Preparations NEC)

NAICS CODES/DESCRIPTIONS: 54121 (Accounting Tax Preparation Bookkeeping Payroll Services); 9261 (Admin of Economic Programs); 5418 (Advertising & Related Services); 54181 (Advertising Agencies); 481 (Air Transportation); 621 (Ambulatory Health Care Services); 44311 (Appliance TV & Other Electronics Stores); 5413 (Architectural Engineering & Related Services); 33611 (Automobile & Light Duty Motor Vehicle Mfg); 336111 (Automobile Mfg); 513 (Broadcasting & Telecommunications); 51321 (Cable Networks); 5132 (Cable Networks & Program Distribution); 513322 (Cellular & Other Wireless Telecommunications); 325 (Chemical Mfg); 61131 (Colleges Universities & Professional Schools); 3342 (Communications Equipment Mfg); 334 (Computer & Electronic Product Mfg); 42143 (Computer & Peripheral Equipment & Software Whsle); 3341 (Computer & Peripheral Equipment Mfg); 334112 (Computer Storage Device Mfg); 611 (Educational Services); 2211 (Electric Power Generation Transmission & Distribution); 335 (Electrical Equipment Appliance & Component Mfg); 334111 (Electronic Computer Mfg); 45411 (Electronic Shopping & Mail-Order Houses); 443 (Electronics & Appliance Stores); 54133 (Engineering Services); 92111 (Executive Offices); 9211 (General Government Administration); 62211 (General Medical & Surgical Hospitals); 62 (Health Care & Social Assistance); 622 (Hospitals); 3352 (Household Appliance Mfg); 51 (Information); 514 (Information & Data Processing Services); 5141 (Information Services); 922 (Justice Public Order & Safety Activities); 55111 (Management of Companies & Enterprises); 62151 (Medical & Diagnostic Laboratories); 621511 (Medical Laboratories); 512 (Motion Picture & Sound Recording Industries); 5121 (Motion Picture & Video Industries); 51211 (Motion Picture & Video Production); 3361 (Motor Vehicle Mfg); 92811 (National Security); 928 (National Security & International Affairs); 3345 (Navigating Measuring Medical Control Instruments Mfg); 5111 (Newspaper Periodical Book Database Publishers); 454 (Nonstore Retailers); 541211 (Offices of Certified Public Accountants); 551112 (Offices of Other Holding Companies); 62111 (Offices of Physicians); 621111 (Offices of Physicians exc Mental Health); 514191 (On-Line Information Services); 51419 (Other Information Services); 51112 (Periodical Publishers); 325211 (Plastics Material & Resins Mfg); 92212 (Police Protection); 4214 (Professional & Commercial Equipment & Supplies Whsle); 541 (Professional Scientific & Technical Services); 92 (Public Admin); 92113 (Public Finance Activities); 54182 (Public Relations Agencies); 511 (Publishing Industries); 33422 (Radio TV Broadcast & Wireless Communications Equipment Mfg); 443112 (Radio Television & Other Electronics Stores); 92615 (Regulation Licensing & Inspection of Miscellaneous Commercial Sectors); 54171 (Research & Development in Physical Engineering & Life Sciences); 32521 (Resin & Synthetic Rubber Mfg); 3252 (Resin Synthetic Rubber

Artificial & Synthetic Fibers Mfg); 44 (Retail Trade); 48111
(Scheduled Air Transportation); 481111 (Scheduled Passenger Air
Transportation); 5417 (Scientific Research & Development Services);
3344 (Semiconductor & Other Electronic Component Mfg); 334413
(Semiconductor & Related Device Mfg); 51121 (Software Publishers);
5122 (Sound Recording Industries); 5133 (Telecommunications); 48
(Transportation & Warehousing); 336 (Transportation Equipment Mfg);
221 (Utilities); 334518 (Watch Clock & Part Mfg); 42 (Wholesale
Trade); 421 (Wholesale Trade Durable Goods); 51331 (Wired
Telecommunications Carriers); 51332 (Wireless Telecom Carriers exc
Satellite)

1/8/9 (Item 8 from file: 20)

33116256 (USE FORMAT 7 OR 9 FOR FULLTEXT)
2004 International Consumer Electronics Show Exhibitor Profiles -- A to F
January 05, 2004
WORD COUNT: 5273

SIC CODES/DESCRIPTIONS: 3570 (Computer & Office Equipment)
NAICS CODES/DESCRIPTIONS: 334 (Computer & Electronic Product Mfg)

1/8/10 (Item 9 from file: 20)

02981151
Maxtor Announces 17.2 Gigabyte DiamondMax 4320 Series of Hard Disk Drives
October 01, 1998
WORD COUNT: 967
>>>I: An unexpected error occurred on a receive. Retrying request [0]

1/8/11 (Item 1 from file: 148)

10782413 SUPPLIER NUMBER: 53680692 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio
Frequency-based Security. (ThinkPad 770Z and 600E notebook PCs) (Product
Announcement)
Feb 1, 1999
WORD COUNT: 1345 LINE COUNT: 00114

COMPANY NAMES: International Business Machines Corp. Personal Systems--
Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation; TELC Telecommunications
DESCRIPTORS: Computer industry--Product introduction; Notebook computers
--Product introduction
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT/INDUSTRY NAMES: 3573141 (Intel-Compatible Notebook Computers)
EVENT CODES/NAMES: 336 Product introduction
SIC CODES: 3571 Electronic computers
NAICS CODES: 334111 Electronic Computer Manufacturing
TRADE NAMES: IBM Thinkpad 770Z (Pentium II-based notebook)--Product
introduction; IBM ThinkPad 600E (Pentium II-based notebook)--Product
introduction
FILE SEGMENT: CD File 275

1/8/12 (Item 1 from file: 275)

02265522 SUPPLIER NUMBER: 53680692 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio
Frequency-based Security. (ThinkPad 770Z and 600E notebook PCs) (Product
Announcement)
Feb 1, 1999
WORD COUNT: 1345 LINE COUNT: 00114

COMPANY NAMES: International Business Machines Corp. Personal Systems--
Product introduction
GEOGRAPHIC CODES/NAMES: 1USA United States
DESCRIPTORS: Hardware product introduction; Pentium II-based notebook;
Notebook computer
EVENT CODES/NAMES: 336 Product introduction
PRODUCT/INDUSTRY NAMES: 3573141 (Intel-Compatible Notebook Computers)
SIC CODES: 3571 Electronic computers
NAICS CODES: 334111 Electronic Computer Manufacturing
TRADE NAMES: IBM Thinkpad 770Z (Pentium II-based notebook)--Product
introduction; IBM ThinkPad 600E (Pentium II-based notebook)--Product
introduction
FILE SEGMENT: CD File 275

1/8/13 (Item 1 from file: 348)
01927500
Cushioning conversion system and method
System und Verfahren zur Herstellung von stossabsorbierendem
Verpackungsmaterial
Systeme et procede pour la fabrication de produits de calage pour
emballages.
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200529 1221
SPEC A (English) 200529 34156
Total word count - document A 35377
Total word count - document B 0
Total word count - documents A + B 35377

1/8/14 (Item 1 from file: 349)
01212826 **Image available**
PDA CONFIGURATION OF THERMOSTATS
CONFIGURATION PDA DE THERMOSTATS
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 27755
Publication Year: 2005

1/8/15 (Item 2 from file: 349)
01212825 **Image available**
PDA DIAGNOSIS OF THERMOSTATS
DIAGNOSTIC PDA DE THERMOSTAT
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims

Fulltext Word Count: 28670
Publication Year: 2005

1/8/16 (Item 3 from file: 349)
01190545 **Image available**
PART TESTER AND METHOD
DISPOSITIF DE VERIFICATION DE PIECES ET PROCEDE
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6897
Publication Year: 2004

1/8/17 (Item 4 from file: 349)
00905254 **Image available**
AN INFORMATION MANAGEMENT SYSTEM
SYSTEME DE GESTION DE L'INFORMATION
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 70047
Publication Year: 2002

1/8/18 (Item 5 from file: 349)
00805495 **Image available**
INSURANCE MARKETING METHODS
PROCEDES DE COMMERCIALISATION D'ASSURANCES
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 27278
Publication Year: 2001

1/8/19 (Item 6 from file: 349)
00803948 **Image available**
METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS
AND CONSUMERS
PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES
VENDEURS ET DES CONSOMMATEURS
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 116871
Publication Year: 2001

1/8/20 (Item 7 from file: 349)
00779642 **Image available**
IMPROVED BUSINESS SYSTEMS

SYSTEMES COMMERCIAUX AMELIORES

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19233

Publication Year: 2001

1/8/21 (Item 8 from file: 349)

00766119 **Image available**

A POINT-OF-SALE/SERVICE (POS) PORTAL

PORTAIL DE SERVICE/POINT DE VENTE (POS)

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18173

Publication Year: 2000

1/8/22 (Item 9 from file: 349)

00762480 **Image available**

DISPLAYING COLOR ADVERTISEMENTS ON POINT-OF-SALES/SERVICE (POS) PLATFORMS

AFFICHAGE DE PUBLICITES EN COULEURS SUR DES PLATEFORMES DE POINTS DE VENTES
OU DE SERVICES (POS)

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18002

Publication Year: 2000

1/8/23 (Item 10 from file: 349)

00762425 **Image available**

AN ELECTRONIC-RECEIPTS SERVICE

SERVICE ELECTRONIQUE DE RECUS

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18738

Publication Year: 2000

1/8/24 (Item 11 from file: 349)

00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES
AND CUSTOMER PROFILE

PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE
CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 151011
Publication Year: 2000

1/8/25 (Item 12 from file: 349)
00420126 **Image available**
MOVING PICTURE CAMERA WITH UNIVERSAL SERIAL BUS INTERFACE
CAMERA A IMAGES ANIMEES DOTE D'UNE INTERFACE DE BUS SERIE UNIVERSELLE
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8334
Publication Year: 1998

1/8/26 (Item 1 from file: 636)

04083375 Supplier Number: 53680692 (USE FORMAT 7 FOR FULLTEXT)
Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio
Frequency-based Security. (ThinkPad 770Z and 600E notebook PCs) (Product
Announcement)
Feb 1, 1999
Word Count: 1261
PUBLISHER NAME: EDGE Publishing
COMPANY NAMES: *International Business Machines Corp. Personal Systems
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *3573141 (Intel-Compatible Notebook Computers)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation); TELC (Telecommunications)
NAICS CODES: 334111 (Electronic Computer Manufacturing)
TRADE NAMES: IBM Thinkpad 770Z (Pentium II-based notebook); IBM ThinkPad
600E (Pentium II-based notebook)

1/8/27 (Item 2 from file: 636)

02510787 Supplier Number: 45048404 (USE FORMAT 7 FOR FULLTEXT)
NEW IBM THINKPADS PACK POWERFUL MULTIMEDIA AND GLOBAL COMMUNICATIONS INTO A
MOBILE COMPUTER

Oct 7, 1994
Word Count: 1398
PUBLISHER NAME: M2 Communications
INDUSTRY NAMES: BUSN (Any type of business); INTL (Business,
International)

>>>W: Item 28 is not within valid item range for file 636

? s 3/3,k/all

>>>W: Term "ALL" is not defined in one or more files

S4 0 S 3/3,K/ALL

? t s1/3,k/all

1/3,K/1 (Item 1 from file: 16) Links

Gale Group PROMT(R)

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06104547 Supplier Number: 53680692 (USE FORMAT 7 FOR FULLTEXT)

Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio Frequency-based

Security.(ThinkPad 770Z and 600E notebook PCs)(Product Announcement)

EDGE: Work-Group Computing Report , p NA

Feb 1 , 1999

Language: English **Record Type:** Fulltext

Article Type: Product Announcement

Document Type: Newsletter ; Trade

Word Count: 1261

(USE FORMAT 7 FOR FULLTEXT)

Text:

...in secure computing solutions by introducing the industry's first notebook PCs available with Asset ID, IBM's radio frequency-based security and asset tracking technology. The new ThinkPad 770Z and 600E notebook PCs available with Asset ID provide companies with unparalleled security protection, while also allowing them to rapidly deploy systems to employees and conveniently track their notebook PC inventory. IBM's Asset ID solution combines a radio frequency (RF) ID tag and a handheld RF scanner to read and store vital information about every Asset ID-enabled ThinkPad 770Z and 600E in a company's inventory -- even if the notebooks are unplugged or still in their cartons. This helps protect valuable mobile **computer** assets from theft or unauthorized removal from a company premises. If the system is removed without authorization through a door or passageway protected by an RF sensor, IBM Asset ID will automatically cause the ThinkPad to become password-protected. This prevents the viewing or theft...

...chief technology officer, IBM Personal Systems Group. Announced last year for IBM desktop PCs, Asset ID helps security personnel keep close track of computers to combat theft, while reducing security paperwork and time-consuming bag searches at security checkpoints. For systems administrators, Asset ID eliminates many costly, time-consuming manual steps involved in today's system deployment, inventory and tracking processes. Asset ID stores valuable information about each system, including software **configuration** and the serial numbers of key components. Asset ID also holds a **number** of blank fields, so administrators can customize information to fit a company's specific needs ...

...protection, data encryption and decryption technology for e-business transactions and confidential e-mail and **Digital Signature** to authenticate parties participating in e-business initiatives through the Internet. The Smart Card Security Kit is priced at \$199. "With average annual losses from **computer** hardware theft rising to nearly \$8 billion last year, companies of all sizes are increasingly...
...s new radio frequency and smart card security solutions will help companies arm themselves against **computer** and data theft, protecting their investments." In addition to the added security features, the new...

...The ThinkPad 770Z models are designed for users that require the

ultimate workstation-level notebook **computer**. Expanding its reputation as the benchmark for high-end notebook computers, the 770Zs provide power users with stellar performance, multimedia, connectivity and **configuration** flexibility. The new systems feature large 14.1-inch XGA or 13.7-inch SXGA...

...for engineering, financial and other graphics-intensive applications. The new ThinkPad 770 models can be **configured** with a maximum of 320MB of memory, and include a DVD drive, 8MB of video IBM resellers. Asset **ID**-enabled models are available through resellers that participate in IBM's Authorized Assembler Program (AAP), in which ThinkPads are offered in a variety of custom **configurations** to meet customer needs. The modular design of the new ThinkPads facilitates channel assembly and...

...IBM to offer 12-hour depot repair service on these systems. A three-year limited **warranty** is standard. IBM also unveiled mobile options to expand the functionality of the new 770Z...

...disk drive storage options available to ThinkPad customers. For added convenience, users can choose to **configure** their ThinkPads with the new drives at point of purchase. The new drives are equipped...

...ThinkPad 600E models ensures continual performance while working remotely. For more information on IBM Asset **ID** technology, visit <http://www.ibm.com/pc/us/infobrf/assetidor> <http://www.ibm.com/pc...>

1/3,K/2 (Item 1 from file: 20) Links
Dialog Global Reporter
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49307564 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Infocomm 2006 Exhibitor Profiles

BUSINESS WIRE

June 01, 2006

Journal Code: WBWE **Language:** English **Record Type:** FULLTEXT

Word Count: 9203

...XRVS Rear Projection Screens with and without sound, Vikuiti(TM) Rear Projection Window Film and **digital signage** network solutions enabling businesses to realize the power and impact of **digital signage**. New this year is 3M's Vikuiti(TM) rear projection window film that turns any clear surface into a rear-projection screen. Also new is 3M(TM) **Digital Signage** Software Network Edition version 3.0, enabling distribution of media files, scheduling playlists, and monitoring a **digital sign** network from the Internet. Company: Abacus Productions, Inc. Booth/Stand: 4576 Media Contact: David Hoffman...

...worship, rental firms, and companies providing services at live events. The software supports an unlimited **number** of users working remotely or in multiple offices. The system stores photos and graphics within...

...Web: www.agnpro.com AGNPRO/digiSignage is a leading provider of simple, reliable and effective **digital signage** solutions using 100% solid state palm sized media players and intuitive, simple to use web...

...Processors using Adfotain Central Management Server Software to schedule, manage and distribute content to the **digital signage** network. AGNPRO is a leading manufacturer of LCD displays, specifically for the **digital signage** market, designed for the ruggedness and style required for the retail environment. Company: AKIRA Booth...

...a leading edge display technology company, has been delivering the highest quality Plasma, LCD and **Digital Signage** products throughout the world since 1999. Since entering the industry, Akira has solidified itself as...converters with worldwide locations (USA, France and Singapore). The Company designs a wide range of **computer** to video scan converters, scalars, seamless switchers and up/down converters. The products provide the...com Web: www.clarityvisual.com At InfoComm 2006, Clarity will introduce new control room and **digital signage** products. Clarity's worldwide engineering capability results in new, larger LCD and DLP display systems...

...sold through value-added resellers and large scale systems integrators.

Clarity offers open, integrated and **digital signage** products that serve enterprise customers in a variety of vertical markets worldwide. The privately-held...

...include cutting-edge HDTV tuners, NTSC and PAL TV tuners, closed-captioning tools, SignStream(TM) **digital signage** systems, iC-Net display control systems, and ABC-Net educational media networks. Created for the...PICKUP(TM) audio guide system. Available through a worldwide dealer network, Dataton technology is the **number** one choice in the events and entertainment industries. Dataton has been active on the US market for over 15 years and received a **number** of industry awards. WATCHOUT installations at the CDC Visitors Center and the Cisco System Briefing...

...and flat panel monitors. From dynamic projection systems to integrated presentation controls, Dukane offers custom **configurations** for any application large or small. Since 1922, Dukane products have been supported by our...

...broad array of sizes and formats to choose from. Every screen carries a 1-year **warranty** and our warehouse facilities in Cerritos, California, enable us to keep a large on-hand...The WC4000 video/data wall controller, the ICS Sign One and Sign Pro, which are **digital signage**/information display systems, and a new line of large screen LCD displays. Company: Impact Acoustics...

...focus is the US distribution to sub-distributors, resellers and integrators for custom installations and **digital signage** solutions. Logistic centers in New Jersey and Las Vegas ensure on-time delivery to any...flat screen and outdoor enclosure mounts, countertop mounts, custom mounts and more. Lucasey has developed **unique** and inter-changeable designs, which allow for an infinite variety of applications. Lucasey products are...

...audio-visual production services and equipment for event producers, corporate and association meeting planners and **computer** user groups worldwide. MPG representatives from our San Diego, Denver, and Orlando offices will be...

...moves, adds and changes. MuxLab products are found in CCTV security and surveillance, classroom video, **digital signage**, home theatre, guestroom entertainment, podium presentation and boardroom projection systems to name a few. Company...

...driving force redefining price/performance and ease of use, providing innovative and affordable tools for **computer**-generated animation, video and film special effects. Company: NextWindow Booth/Stand: 4744 Media Contact: Lori...

...with NextWindow overlays. Robust design and optical imaging technology are perfect for attention grabbing, interactive **digital signage** applications. Overlays feature fully welded steel frames and black-textured powder-coated finish, which can...are recognized as the

"Easiest to Use" products. Each product utilizes a multimedia pen and **unique** user-definable Softkeys that provide access to launch programs, reach the internet, use presentation tools...

...wireless bridging for campus networks, and hotspot and hospitality Internet access. Capable of wirelessly replicating **computer** screen images to projectors as well as streaming DVD movies to remote plasma and LCD...rest. We also make ATA shipping cases with pluck foam or dividers, a backpack for **computer** & cameras, and rolling business/camera **computer** cases. See the Case to CART movement in our web site 43 second video. COMPANY...

...in critical applications ranging from 24/7 command control, eCinema, simulation, extreme outdoor applications and **digital signage**. Projectiondesign's wide range of expertise in related disciplines allows it to be the leader...

...commercial sector customers specializing in document cameras, interactive LCD touchscreen panels, digital pen systems and **digital signage**. Visit us at www.promax-tech.com. Company: ProXenon Inc. Booth/Stand: 4122 Media Contact...

...solution, Used by A/V rental, AV Staging rental, Lighting & Sound, production companies, props rental, **computer** rental, staging rental, party & marquee rentals and event driven rental companies in 14 countries. Come...

...Revolabs, Inc. was formed by two leading wireless product executives to provide solutions to a **number** of problems that have plagued the enterprise collaboration industry to date. There had long been... strandvision.com Web: <http://www.strandvision.com> StrandVision LLC delivers low-cost, high-availability hosted **digital signage** services to businesses through a network of installers. StrandVision uses standard Unix/Linux, Mac or Windows PC equipment, and delivers content directly over the Internet to televisions and **computer** displays in subscribers' offices and businesses. StrandVision's easy-to-setup and easy-to-update...

...for highly distributed, network-connected organizations. Serving Global 2000 and mid-tier organizations, Stratacache offers **digital signage** software, eliminates delays in synchronizing data and installing software patches and upgrades at remote locations...

...972-578-8484 E-mail: bbritten@symon.com Web: www.symon.com Symon TargetVision delivers **digital signage** solutions to easily create, schedule and broadcast high quality visual content by integrating and combining...

...the ultimate in vibrant, graphical and digital video with external news feeds, into a complete **digital signage** delivery network for virtually any application. An innovative, award-winning suite of products delivers network...

...managed through one simple control panel. TechPod, with its

contemporary lectern design offers an innovative, **unique**, fully integrated and easy to use presentation solution to every size and type of hall...and military applications. The company's highly specialized line includes: camera robotics systems including programmable **computer** controlled pan/tilt mechanisms, weatherproof camera robotic systems, motorized camera trolley systems, advanced control software...

...www.vectorsketch.com Vector Sketch is a company with a distinctive model to deliver CAD (**Computer** Aided Design) based design and documentation services to the audio visual industry. Vector Sketch was...

...com Web: www.wireless-computing.com Wireless Computing, Inc. designs and manufactures high-performance wireless **computer** peripherals. Their Wireless That Works product line of keyboards, mice and presentation controllers are used...

1/3,K/3 (Item 2 from file: 20) Links

Dialog Global Reporter

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49307548 (USE FORMAT 7 OR 9 FOR FULLTEXT)

GLOBALCOMM 2006 Exhibitor Profiles

BUSINESS WIRE

June 01, 2006

Journal Code: WBWE **Language:** English **Record Type:** FULLTEXT

Word Count: 11251

...and completely flexible Signaling Gateway for SS7 to IP interworking, with simple software upgrades and **configurations** for any SS7 over IP requirement. Typical application areas for Adax products include Media Gateways...provider of MPEG-4' (including AVC/H.264) systems powering new video services over any **number** of devices and networks. IP video solutions span from 3G to xDSL for telcos and...

...HPI and checking total system HA behavior. -- ATCA-ConfigChecker: A SW tool retrieving & checking automatically **configuration** of running ATCA systems. -- Professional services for helping customers to migrate to outsourced base-platforms...and Multimedia applications over any Broadband network. CAssiopeia is highly scalable and reliable, based on **unique** network architecture, transparently supports SIP, MGCP, NCS and H.248, simultaneous CPE interfaces, DQoS and...PPP services seamlessly over any transport infrastructure. Ideally suited to wireless backhaul applications, Piranha's **unique** interworking engine provides per-flow traffic management and powerful OA&M, while integrated CWDM and...

...providers. MetaSolv's multi-service, multi-technology capabilities include order management, inventory management, service activation, **configuration** management, and network mediation. More than 170 global service providers -- including Brasil Telecom, BT, Cable...

...effort Ethernet. Metrobility's AccessServices(TM) technology offers service providers new service performance assurance, service **configuration** and remote management. Company: Miniflex Limited Booth/Stand: 57091 Media Contact: Paul Ekpenyong Investor Relations...

...miniflex.co.uk Miniflex designs and markets optical fibre protection products and management systems. Our **unique** and patented Fiber Bend Limiting Tube (FBLT) offers the ultimate protection to fiber eliminating problems...precisely matched components for maximum throughput and guaranteed channel performance, backed by a 25-year **warranty**. NetClear 10 Gigabit Solutions support the complex requirements of 10 Gigabit networks from 100 meters...

...and sales facilities in Plymouth, Minnesota. PFU Systems has

successfully created a growing market for **Computer-On-Module (COM)** / **System-On-Module (SOM)** technology with a worldwide customer base that includes...business by building on the unrivalled scalability, flexibility and reliability of our switching, signaling and **digital signal** processing hardware and software. Company: Telect, Inc.
Booth/Stand: 47043 Media Contact: Mike Stanford Investor...of multilayer switching and wireless products are designed to facilitate low-cost network evolution with **unique** solutions, easing the stress on networks caused by high-bandwidth applications. Transition Networks is a ...

...are designed to cost-effectively address the need for bandwidth expansion, flexible optical transport, wavelength **identification** and wavelength management in core regional and metropolitan-area optical networks. Built around the TRX...

...evaluation and modeling of network architecture, as well as training, planned upgrades, and a comprehensive **warranty** program. Company: TUV America Inc. Booth/Stand: 63080 Media Contact: Jacquelyn Elwell; 978-739-7093...714-632-0882 E-mail: sales@zyxel.com Web: www.us.zyxel.com As the **number** one VDSL equipment provider and leading DSL Vendor, ZyXEL will have a noted presence at...

1/3,K/4 (Item 3 from file: 20) Links
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46562211 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NRF Annual Convention 2006 Exhibitor Profiles

BUSINESS WIRE

January 12, 2006

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 8030

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...www.agilysys.com Agilysys is one of the foremost distributors and premier resellers of enterprise **computer** technology solutions. It has a proven track record of delivering complex server and storage hardware...sales and marketing solutions for the retail and foodservice industries. As the leading provider and **number** one resource, CSG provides the most detailed, accurate, timely and actionable retail and foodservice information...

...We are dedicated to providing solutions for: -- Enhanced one-to-one communications and marketing -- Improved **identification**, acquisition and retention of profitable customers -- Effective and efficient database marketing -- Reduced sales and marketing...

...limited capital approach to recovering lost profits in as little as 120 days. Company: The **Computer** Merchant, LTD. Booth/Stand: 2176 Media Contact: Doug Edwards Media Contact Phone: 781-878-1070 Web: www.TCML.com The **Computer** Merchant (TCM) has specialty solutions for the deployment of The **Computer** Merchant (TCM) has specialty solutions for the deployment of technology across wide geographies such as...
...Through our robust staffing core we place local technicians at retail sites for install or **upgrade** work on all types of equipment. TCM has managed deployments involving technologies including POS, desktops...

...Through our robust staffing core we place local technicians at retail sites for install or **upgrade** work on all types of equipment. TCM has managed deployments involving technologies including POS, desktops...

...glass with minimal disruption of daily activities. Vista window film carries a full manufacturer's **warranty**. Museum grade and safety films are also available. Call CPFilms Inc. at 800-345-6088...
www.edgewater.com Edgewater Technology is an innovative technology management consulting firm that provides a **unique** blend of premium IT services. We leverage our proven industry expertise in strategy, technology and...includes paper and electronic check guarantee, check conversion and eHold Check. Global also offers a **number** of customize check acceptance programs for retailers. Global Payments offers comprehensive processing solutions for check...flat panel touch screens, a full range of payment and communications options and our proprietary **computer** module ensuring a stable technology platform. KINGnet

Solution suite provides a full range of kiosk...thereby augmenting and complementing your existing and future IT investments. We enable this with a **unique** and very flexible architecture in our transaction solution. Our environment gives our customers new levels...
...are competitively priced and manufactured to OEM specifications. Custom labels are provided with no manufacturer **ID** and we package all rolls in heavy-duty shipping cartons to minimize damage. Company: Preh...

...accuracy as well. Preh KeyTec produces highly customizable keyboards and touch screens recognized for maximum **configurability**, rugged reliability and confident usability. That means, transactions are processed faster, operator errors are reduced...your new PC. This high-tech data migration service will make setting up a new **computer** as simple as 1-2-3. We encourage you to stop by our booth #1679...

...savi.com Savi Networks LLC operates a global information network that uses active Radio Frequency **Identification** (RFID) equipment and software to provide users with information on the identity, location and status...SMART Board interactive whiteboards, as well as interactive pen displays, wireless slates, software and interactive **digital signage**. Actalyst interactive **digital signage** attaches easily and securely to large plasma or LCD panels and transforms it into an interactive display. Users simply touch the display surface to access and control any multimedia content, **computer** application, website, CD-ROM or DVD. Actalyst is ideal for interactive information stations in retail...

...Time and Attendance management, Access Control and Shop Floor Control, employing optional biometric verification and **identification** technology. Synel's expertise in providing real-time and on-line data collection allows effective...

...solutions for highly distributed, network connected organizations. Serving large retailers and other organizations, Stratacache offers **digital signage** software, eliminates delays in synchronizing stores and branch locations with pricing and product information, and...

...Contact: Kristopher J. Patterson Media Contact Phone: 248.350.3843, Ext. 120 Web: www.denso-id.com On February 1, 2002, TD SCAN (U.S.A.) and DENSO products quietly entered **computer**. Company: TOA Technologies Booth/Stand: 2178 Media Contact: Jessica Gates Media Contact Phone: 216-360...

...intersects between planners, buyers, store operations and associates. Retail.net deploys centrally with low-cost **configuration**. Users access high performance applications on thin clients. It's a single view of the...

...certified smart media, and digital photo printers. With the most recognized brand in the automatic **identification** industry and the most complete product line, Zebra solutions are used by more than 90...

1/3,K/5 (Item 4 from file: 20) Links
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46394146 (USE FORMAT 7 OR 9 FOR FULLTEXT)
2006 International CES Exhibitor Profiles

BUSINESS WIRE

January 03, 2006

Journal Code: WBWE **Language:** English **Record Type:** FULLTEXT

Word Count: 23592

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...is the Consumer Electronics division of Ace Computers, one of the nation's top custom **computer** integrators. Ace is taking their 23 years of expertise in the IT world and crossing...

...business risk quite a lot. In a word, we are capable of providing not only **unique** products, but also **unique** services that our competitors hardly can do. Our strong product marketing sense and product developing...com. Extensive product and service offerings include postpaid, prepaid, cellular, satellite TV & radio, fulfillment, distribution, **warranty** programs, and hardware and accessories. With offices throughout North America, American Wireless is headquartered in... world leading manufacturer of vapor phase, vapor chamber, and water based cooling solutions for personal **computer** systems. All product lines (VapoChill(R), VapoChill(R) Micro(TM) & WaterChill(TM)) are designed for...

...in the marketing of automotive entertainment, vehicle security and consumer electronics products. The company is **number** one in mobile video and places in the top ten of almost every category that...
...and viewing pleasure. 2. Innovation and Quality - Award-winning, state-of-the-art products, lifetime **warranty** and UL/TUV/ISO9001 standards compliance. 3. Competitive Prices - Providing high value/price ratios and...cards. BridgeCo products are designed to be interoperable with a wide variety of consumer and **computer** devices: they are DLNA(TM) CERTIFIED, UPnP(TM) Certified, Wi-Fi(R) certified and compliant
...

...menus, video tutorials and multi-language options. -- Select machines offer USB ports to access a **computer** or accommodate a variety of media storage devices. -- Proprietary award-winning PE-Design digitizing software...

...OEM Module solutions We offer value and premium solutions in standard, semi-custom or custom **configurations**. Company: Cables To Go
Booth/Stand: 35825 Media Contact: Teresa Sullivan Phone: 937-496-2665...

...an industry leading manufacturer and distributor of comprehensive interconnect solutions to the A/V and **computer** markets since 1984. Cables To Go provides a cost-effective solution to the connectivity needs

...concertonetworks.com Web: www.concertonetworks.com Concerto Networks(R) is an international franchise business simplifying **computer** and Information Technology (IT) solutions for small- and medium-sized businesses, serving a critical function...

...needing extensive, expensive remodeling. Not only can homeowners easily personalize Control4 systems to meet their **unique** lifestyles, but the modular nature of the products enables customers to start small and then...

...FORMULA ONE, a high performance automotive film, cuts heat, glare and ultraviolet. Professionally installed. Lifetime **warranty**. Call 1-800-653-1367. It makes a great add-on sale for businesses already...

...mail: dschwab@dandh.com Web: www.dandh.com As the nation's largest distributor of **computer** products and consumer electronics, D&H Distributing delivers a **unique**, consumer-friendly multi-divisional product assortment, with a huge selection of top selling brands of **computer** products, consumer electronics, home entertainment and video gaming items not available from any other single...terrestrial television in a mobile environment. DiBcom's technology enables perfect reception of a large **number** of television channels in all types of mobility situations. Their DIB7000-H chipset, the world...countries in Americas, Europe, Middle East, and Asia. In recent years, eSys has evolved a **unique** business model to manufacture and market complete range of pre-configured eSys PC and Build to Order systems on mainstream platforms. eSys has installed capacity of...We are one of leading company and exporter specialising in providing a wide range of **computer** peripherals, such as speaker, monitor, case, keyboard, mouse, etc. and networking products. Company: Flying Mole...

...multi-primary color reproduction can be more faithful to the original than RGB, as the **unique** Scene-to-Screen demo at CES will show.

Company: Global Vision System Booth/Stand: 71775...E-mail: sanjuan@green-house.co.jp Web: www.green-hosue.co.jp A professional **computer** peripherals company called "GREEN HOUSE". We are specializing in "innovation", "design" and "marketing". We endeavor to develop **Unique** Multimedia products. The company's focus is directed towards customers like OEM and ODM clients its **unique** service **warranty**, you are assured of 1) Continuous business, 2) No equipment maintenance, 3) Updates and New...

...As Jatón takes our pride in constantly designing better and more innovative products for the **computer** users, we took a further step in our company history and entered the consumer electronics...

...as KEF is a brand name long associated with quality and technical innovation. Company: Kensington **Computer** Products Group Booth/Stand: 36835 Media Contact: Tanya ...mail: tjeffers@cpcomm.com Web: <http://www.kensington.com> For more than 20 years, Kensington **Computer** Products Group has been creating innovative products that make the connection between you and your **computer** more enjoyable and productive. At the office, in the home, or on the move, Kensington **computer** accessories bring practicality, creativity and inspiration

together in a comprehensive line of products that delight...

...Lai Phone: 626-363-9868 E-mail: grant@kingwin.com Web: <http://www.kingwin.com> **Computer** parts mobile rack, cpu coolers, vga coolers, water coolers, external enclosures, cases, power supplies. Since 1992 we are one of the leading manufacturers for **computer** accessories, our products include mobile racks, external enclosures, cpu coolers, vga coolers, water coolers, cases...

...phone calls in the United States and to Canada for \$9.95 per month. No **computer** or Internet connection is needed. Company: LaserShield Instant Home Security in Box Booth/Stand: CP12...s a great fit for marina-docked boats, RVs and tailgating parties. Faserwave also automatically **configures** itself for easy self-installation. Company: MediaGear Booth: 35849 Media Contact: Terry Smith Phone: 714...as BlueConnect - Mobile Phone Hands Free Kit; Raytell TelPhone 4000 - Hands free kit w/Caller **ID**; Call Capture - Cell phone booster; Gentex Auto-Dimming Rearview Mirrors, MUTH Turn Signal Mirrors, VDO...

...consumer products innovators The Betesh Group, will unveil its exciting NEW 2006 ICON line of **computer**, audio, camera and video accessories at 2006 International CES, January 5-8 at Booth 15027...com.tw NETCOM are specialists for ARM/ASIC-based and pc-based Embedded Single Board **Computer**. As a solution Provider for Embedded Computing, NETCOM offer top-quality full-line PC-based...

...of Skype Screen phones, Skype Memory phones, and Skype Gateway products. Each model comes with **unique** features. With brilliant designs and excellent sound quality, these products can greatly enhance your experience...Prague (Czech), Dubai (UAE), and Cologne (Panama). We provide the shortest delivery time, 3 years **warranty**, and excellent supporting service! Company: Oregan Networks Ltd Booth/Stand: LV Hilton Suite 1269 Media...

...positioned itself to capitalise on the rapid expansion of the digital entertainment market, counting Sony **Computer** Entertainment Europe and Philips Electronics amongst its customers. Oregan participates in the UPnP(R) Forum...

...Pacific Digital Corporation offers broad families of wireless and web enabled digital picture frames and **digital signage**, as well as optical storage products. Pacific Digital will be demonstrating the MemoryFrame 8x10" Digital...Systems. Patriot offers a breadth of premium memory module and flash memory solutions for the **computer** and consumer electronic industries. Patriot solutions include DDR2 and DDR Extreme Performance, Dual Channel for...

...two most recent product lines with application for cell phones and automobiles, as well as **computer** access controls. Our products are distributed throughout the world. Company: Phase Technology Booth/Stand: South...

...brand consumer graphics cards. The company also offers a full line of high-end memory **upgrade** modules, flash media, Attache(TM) USB flash

drives, flash peripherals and S-Cure(TM) Data...engineered into every item in the Samsonite Business product portfolio. From traditional business cases, to **unique** mobile offices and casual backpacks, Samsonite is the preferred choice of business travelers around the...

...electronic capture, viewing, organization and sharing of contracts, notes, and other important documents. Using its **unique** image optimization technologies and patent-pending data correlation and extraction technologies, scanR requires no alteration...latest products, the first high-speed USB wireless device server SX-2000WG and the fingerprint **identification** COMBO-Mini, have assisted silex in being recognized as IT Week's 2005 Top 50...

...design and manufacturing. Our expertise in creating functional works of art from ordinary electronics and **computer** components is widely

recognized. Numerous designs and ideas for improving **computer** enclosures were first created by our talented team of engineers, who are regarded by many...hand-built, hard wired classic boards, protection networks, 16 gauge leads, and a limited lifetime **warranty**. Company: Sonare Technologies Booth/Stand: Booth 71822, stand 1 Media Contact: Mark Schurman Phone: 616...

...E-mail: info@soundations.com Web: www.soundations.com HIGH PERFORMANCE SUPPORT FURNITURE Company: Spectec **Computer** Co., Ltd. Booth/Stand: 56046 & 71968 & 9836 Media Contact: S.T. Joung Phone: 886 (0... fleet management, tracking and routing devices. Customized design and joint venture. Wireless proximity "hands-free"

ID cards for total protection of vehicles and motorcycles. Anti-hijacking, anti theft, sophisticated wireless engine...

...twisted pair...) and can be used everywhere (low and medium voltage electrical powerlines, cars, trains...) - **Configurable**, because it is an "open system". The SPC200-e PLC chip is available in mass...

...of an organization that has been in business for over 45 years. SVAT products are **unique** and innovative possessing many qualities and features that our competitors do not. Our products are...

...consumer electronics products with superior specifications and competitively affordable prices, and support consumers with a **unique** after-sale **warranty** program, Syntax has established broad distribution with North American retailers and has expanded into Asia...good prices and high quality, and have high reputation and long experience oversea. Company: Taipei **Computer** Association Booth/Stand: Booth No. 71572 Media Contact: Ms. Angie Tsai Phone: +886-2-25774249...

...from 15 to over 4,000 today covering all sectors of the industry, such as **computer**, hardware, software, information services, network & communication etc. TCA has branch offices across in Taiwan, and...

...professional multimedia manufacturer which serves a wide international client base including leading publishers, promotion companies, **computer** hardware and software firms. Our main products include pre-recordable CDs, DVDs, cassette tapes, VHS...

...forefront of integrating the Global Positioning System with handheld computers. TeleType GPS product lines offer **unique** solutions for land, air, and water navigation and tracking. Company: TeleVoce Inc. Booth/Stand: Sands...

...TeleVoce delivers innovatively cool VoIP enhancements over ordinary phones. This is done by TeleVoce's **unique** ability to bridge the gap between the PSTN, the PC and the Internet. "Service provider...industry. Not only do we provide cooling solutions, but also are highly skilled providers of **computer** cases, power supplies, liquid cooling kits, accessories & enclosures. Company: The Tiffen Company Booth/Stand: 36000...

...5 pounds. The Davis & Sanford Switchkit, a 4-piece, 7-in-one tripod combo with **unique** SwitchGrip handle is a new addition to the tripod lineup. Contemporary styled KODAK Gear bags...the advanced technology around the world. U-way Corporation specializes in selling video games accessories, **computer** peripherals and multimedia products. U-way has a background of exporting products since its establishment...Skype and the uConnect Plus, a USB-powered PSTN to VoIP adaptor. Both products have **unique** features when used with Skype, thanks to an advanced level of integration with the Skype...

...Inc. a 19-year old company, is a leading national distributor of consumer electronics and **computer** peripheral for personal and professional use that are sold to dealers throughout the United States. In addition, WYNIT also distributes outdoor electronic products, and security and photo ID products. WYNIT is known for competitive pricing, dedicated sales reps, no minimum-order requirements, same...

1/3,K/6 (Item 5 from file: 20) Links

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42691185

InfoComm 2005 Exhibitor Profiles

BUSINESS WIRE

June 02, 2005

Journal Code: WBWE **Language:** English **Record Type:** FULLTEXT

Word Count: 11124

...video, and staging companies that provide services at live events. One of PackMan's many **unique** features is its built-in facility to seamlessly synchronize data for multiple offices and notebook...

...description: ActiveLight is introducing its new ActiveLight TActive LCD40, the first integrated touch screen for **digital signage** applications. The company also is also a leading national distributor of digital displays, projection equipment and products for complete **digital signage** systems for all major manufacturers and providers. Company description: ActiveLight, Inc. is a national value...

...and projection equipment, including large-format plasma and LCD screens, professional projection equipment, and complete **digital signage** systems. As a recognized leader in advancing the **digital signage** industry, ActiveLight partners with resellers, designers and system integrators to provide complete **digital signage** networks and compelling display applications. Company: ACT Teleconferencing Booth/Stand: 2881 Ticker Symbol & Exchange: ACTT...Inc., a leading manufacturer of audio-visual signal management solutions, offers a complete line of **computer** video interfaces, distribution amplifiers, switchers, matrix switchers, special application products, cables and related accessories and...

...detachable power cord, Rack Mounting Brackets, Rack Mounting support rails, USB cable, User Manual Part **Number** : S15 Company description: American Power Conversion is a worldwide leader in the designing, manufacturing, and...

...power systems, racks and enclosures, cables, power conditioning equipment, and related software for telecom, datacom, **computer** and **computer**-related equipment. Company: Anchor Audio, Inc. Booth/Stand: 1415 Media Contact: Debbie Lombard Phone: 3107842300...

...Audio manufactures portable sound systems in Torrance, California, and sound systems have a six year **warranty**. In addition to the Beacon, Anchor will show the full line of products including point...into PowerPoint(R). Company description: Casio, Inc., Dover, NJ is the US

subsidiary of Casio **Computer** Co., Ltd., Tokyo, Japan. Casio, Inc. markets mobile presentation devices, digital cameras, calculators, keyboards, portable...

...is the first dual-unit wireless conference phone. Its two complete phone units double the **number** of speakers and microphones for crystal clear sound and enhanced communication in larger rooms. Each...
...manual and electric front projection screens as well as rear projection screens, communication cabinets, lecterns, **computer** furniture, easels, projection carts and stands, television/audio visual carts and monitor mounts. Company: Digidesign...and flat panel monitors. From dynamic projection systems to integrated presentation controls, Dukane offers custom **configurations** for any application large or small. Since 1922, Dukane products have been supported by their...

...ntaylor@dynatekmedia.com Web: www.dynatekmedia.com Product description: Software and Hardware solutions for the **Digital Signage** industry. Company description: DynaTek Media Networks offers a suite of innovative Spot(R) products, services and revenue sharing opportunities in the rapidly growing electronic **digital signage**, and digital media industry. DynaTek's proprietary research and development enables content to be delivered effortlessly in a variety of application including retail **digital signage**, way finding, corporate communications and many more. Company: Electrosonic Booth/Stand: 2358 Media Contact: Yvonne...

...and network data systems. These new cable products have been specifically designed to meet the **unique** requirements of each control system manufactured by industry leaders such as Crestron, AMX, Elan, Lutron...for professional sound systems of all types, sizes and applications. Installers no longer need to **configure** every component in a system for the medium chosen for the system's signal-path backbone; HiQnet's intelligent software will sense the types of connections and **configure** them automatically. Company description: Headquartered in Northridge, California, the Harman Pro Group is part of ...

...PC of 32-inch and 42-inch along with a fully integrated extremely high performance **computer** contained in a removable module within the cabinetry of the LCD unit to create a standalone total upgradeable **computer, configured** with four Universal Serial Bus connectors, a removable hard disk drive and user accessible DVD...

...the functions of multimedia without external networking device to offer a total turnkey solution for **digital signage** and other applications. IDEX USA commits to the digital technology of the future and invests...

...OfficeFX Professional MSRP is \$649.95. Company description: Instant Effects develops software that enables mainstream **computer** users to easily create interactive rich media from within popular productivity applications or through access...

...ISUZU GLASS celebrates our 100 years anniversary this year. We have developed and manufactured many **unique** original lens and filters, utilizing its engineering know-how accumulated since its foundation. Company: LifeSize...E-mail: bwhite@luxorfurn.com Web: <http://www.luxorfurn.com/> Product description: Mounting Systems Personal **Computer** Workstations Training **Computer** Workstation **Computer** Storage Centers Multi-Purpose Carts Audio-Visual Projector / Monitor Carts & Stands Storage Systems Multi Media Company description: Manufacturer and supplier of audio visual carts and workstations, **computer** workstations, multi-media carts and work centers, multi-purpose tub carts, media storage systems and...

...Classroom Furniture. Company description: Mediatech designs and manufactures lecterns, podiums and control systems for classrooms, **unique** presentation systems and lecterns for houses of worship, low-cost control systems and furniture for...

...s smallest personal presentation projector and also its SXGA+ data wall cubes that can be **configured** to form some of the world's largest displays. A commercial application demo also highlights...breaking products and continues to guide the company in pioneering innovative and affordable tools for **computer**-generated animation, video and film special effects. Company: NKK Switches Booth/Stand: 649 Media Contact...

...other critical listening environment. You can now work in the same room and your noisy **computer** or servers. Company description: Noren Products, Inc. a world wide thermal management company. Company: Numonics ...

...are recognized as the "Easiest to Use" products. Each product utilizes a multimedia pen and **unique** user-definable soft keys that provide access to launch programs, reach the internet, use presentation...Web: www.pacificdigital.com Product description: Pacific Digital will be demonstrating it's line of **digital signage** hardware and software solutions including stand alone DS-104 models, to the full featured DS...

...s Consumer Product Division focuses on leading-edge storage and digital-imaging products, including Digi-Sign **digital signage** and MemoryFrame digital photo albums. Company: PolyVision Corporation Booth/Stand: 3000 Ticker Symbol & Exchange: SCS...

...it has a large selection of mounts. All mounts are backed by a limited-lifetime **warranty**. With over 3,500 reps and dealers worldwide, plus a powerful e-commerce Web site...

...of content without any rewind time making these DVRs optimal for audio/visual presentation and **digital signage** systems. Company description: Procon Technology USA is a premier supplier to audio-visual presentation professionals...

...DVI Repeater, HDMI to DVI Swivel Adaptors Company description: QVS is a major manufacturer of **computer** cables, audio/video cables, HDTV cables, and other connectivity products for the **computer** &

communication industries. Our products and solutions are distributed through **computer** dealers, catalog houses, superstores, VARs, integrators and OEMs. QVS is among the leading international manufacturers ...

...GHz Smart Spectrum(R) technology allows 70 units in one location. Sabine's built-in **digital signal** processing includes the FBX Feedback Exterminator(R), a compressor/limiter, an intelligent de-esser, and...

...include the new 2.4 GHz Smart Spectrum wireless microphones which include over a dozen **unique** features, the award-winning Graphi-Q2 multi-function signal processor, and the patented and industry...family of award-winning SMART Board interactive whiteboards, as well as interactive pen displays, interactive **digital signage**, multimedia cabinets, wireless slates and software. Company description: SMART is a private company founded in...and other typed information. Company description: Wireless Computing, Inc. designs and manufactures high-performance wireless **computer** peripherals. Their "Wireless That Works" line of keyboards, mice and presentation controllers are used in...sales@zandar.com Web: www.zandar.com Product description: Zandar MultiViewers are modular, easy to **upgrade**, with output choices ideal for today's range of high resolution displays such as Plasma...

...projection. From cost-effective multiple video input monitoring by the MX and DX Series to **configurable** centralized monitoring solutions offered by the Predator and Fusion Series, Zandar provides a range of...

1/3,K/7 (Item 6 from file: 20) Links

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39919931 (USE FORMAT 7 OR 9 FOR FULLTEXT)

2005 International CES Exhibitor Profiles, M Through Z

BUSINESS WIRE

January 05, 2005

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 9008

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...for standards-based audio-visual communications. Based on patent pending algorithms, Media Excel offers a **unique** real-time software design solution for digital video applications. Headquartered in Austin, Texas, Media Excel...

...an influential brand in CD and DVD media, optical drives, flash memory, flash drives and **computer** peripherals, such as keyboards and mice. Company: Meridian America Booth/Stand: 21707 LVCC South Media...

...manufacturers state-of-the-art digital and analog home theater and audio systems. By incorporating **computer**-based technology in its electronics, Meridian's components are upgradeable making them ideal for the...

...company. Products range from Consumables like DVD-R and CDR and Labels/Photo Papers to **Computer** accessories. Products are sold at Regional and National retailers, like FRY'S, AMAZON, CIRCUIT CITY, INGRAM ...progressive approach, our line of products has expanded from personal awareness devices, to also include **computer** and peripheral accessories, surveillance, wireless monitoring systems, software and more. Company: Mobile Crossing, Inc. Booth...

...are automatically defaulted to the POTS or traditional phone line, eliminating the dependency on the **computer** or UPS. The user determines which existing home phones will operate either as a VoIP...will introduce our first Portable Multimedia Recorder and Player. Our AVIAh branded PMR is rather **unique** in the marketplace as it offers one of the first implementations of OLED technology in...and powered and in-wall subwoofers. Phase Technology backs all speakers with a 10-year **warranty**, and amplifiers with a 3-year plan. Company: Pixology Plc Booth/Stand: CEN Plaza /FF5...

...focus web camera OpticSlim M12 -- handy, mobile scanner Company description: Plustek specializes in image related **computer** peripherals for the office, home, and mobile markets. Plustek produces flatbed scanners, sheetfed scanners, film...

...is a developer and marketer of surge protection, USB accessories, UPS battery back-up, portable **computer** accessories, Audio/Video cables

and TV antennas. For more information on Power Sentry or its...to operate simultaneously on a single transceiver chip. This allows it to offer a significant **number** of benefits to consumers and carriers alike. Company description: Quorum Systems enables convergence wireless technologies...

...to operate simultaneously on a single transceiver chip, and by doing so offering a significant **number** of benefits to consumers and carriers alike. Company: RaySat, Inc. Booth/Stand: 5224 Media/Investor...

...Company description: Our parent company (ROTA Technology Inc.) in Taiwan makes keyboard protector and other **computer** accessories for over 14 years. We introduce at least two new product lines each year...cutting-edge video, from business communicators and independent producers to educators and students. Company: Shuttle **Computer** Group, Inc. Ticker Symbol: TAIEX 2405 Booth/Stand: Booth 36207 in LVCC SO 4 Media...

...of small form factor (SFF) computers and accessories. Shuttle produced the first commercially-successful SFF **computer** and continues to define the segment with its platform defining XPC product line. Company: silex...

...supplier of advanced video digital processing integrated circuits. The company's products are driving three **unique** technologies into a broad range of markets: a patented, array-based programmable DSP for digital...VoIP capabilities with zero set-up fees, zero monthly fees, zero service contracts, zero software **configuration**, zero hidden charges and up to 150 minutes of ready-to-use free call time...included with the phone. Company description: SOYO Group, Inc. is a leading global provider of **computer** peripheral, consumer electronics, portable storage, networking, and broadband telecommunications products and services to meet the...

...field testing; - SPR200 reference design: for high volume product rollouts; - SPiDMonitor software: remote control to **configure** and monitor any SPiDCOM modem. Company description: SPiDCOM Technologies is a fabless semi-conductor company...

...description: Texas Instruments offers flexible solutions for the consumer electronics market. TI delivers semiconductors, including **digital signal** processors and analog components, plus the software and systems expertise that consumer electronics manufacturers require...range of products & services to better serve our customers dealing with heat difficulties from their **computer** components. Company: Thomson Booth/Stand: LVCC South Hall-S233 Ticker Symbol & Exchange: Euronext: 18453; NYSE...

...the ability to create a wireless connection between their Bluetooth-enabled mobile phone and their **computer**, allowing them to instantly surf the Internet, send e-mails, transfer pictures, or quickly synchronize...mail: vstuart@mbapr.com Web: www.warrantech.com Product description: Warrantech is introducing two new **warranty** programs at CES 2005: Homeowner Security **Warranty** Program -- Under the

RepairMaster program, homeowners can extend the **warranty** on home security systems for up to 4 years Lamp Replacement -- LCD, LCoS, D-ILA...

...in many new television sets and monitors can be protected under Warrantech's new extended **warranty** program. Company description: Warrantech Consumer Product Services is a division of Warrantech Corporation. Based in...

...contracts and after-market warranties on automobiles, automotive components, recreational vehicles, appliances, consumer electronics, homes, **computer** and **computer** peripherals for retailers, distributors and manufacturers. Company: Winegard Company Booth/Stand: 26135 and 6530 Media...

...segments of consumer audio, portable appliances and digital imaging, Wolfson's catalogue of over 70 **unique** products are found in a wide range of applications including Hi-Fi, home cinema, portable...

1/3,K/8 (Item 7 from file: 20) Links

Dialog Global Reporter

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36900451

PR Newswire Summary of High Tech Copy, July 26, 2004

PR NEWSWIRE (US)

July 26, 2004

Journal Code: WPRU **Language:** English **Record Type:** FULLTEXT

Word Count: 3884

...07/26/2004 05:01 r f bc-CA-Ritz-Interactive (IRVINE) Ritz Interactive
Ranked **Number** 61 on Internet Retailer's 'Top 300' List NYM001
07/26/2004 05:01 r...

...CAM Reports 3rd Quarter Results LAM039 07/26/2004 06:00 r f bc-CA-
Computer-Sciences (EL SEGUNDO) CSC and Zurich Financial Services
Sign Global IT Applications Outsourcing Agreement SFM032...

...and Life Sciences Markets SFM055 07/26/2004 07:02 r f bc-CA-Creative-
id-Soft (MILPITAS) Creative and **id** Software Announce DOOM 3
Engine/EAX ADVANCED HD Collaboration SFM005 07/26/2004 07:03...Prices on
Popular Networking Products NYM088 07/26/2004 07:55 r f bc-MA-
Computer-EMedHome (HANOVER) **Computer** Technology Resource
Webpage Launched for Emergency Physicians SFM017 07/26/2004 07:55 r f...

...to Connect 12,000 Employees SFM020 07/26/2004 07:59 r f bc-Seagate-
warranty (SCOTTS VALLEY) Disc Drive Leader Seagate Introduces
5-Year **Warranty** on All Internal **Computer** Hard Drives Shipped
in Distribution CLM012 07/26/2004 08:00 r f bc-OH...NEM019 07/26/2004
09:24 r f bc-MA-GeoTrust-chosen (WELLESLEY) GeoTrust's **Digital**
Signing Technology Chosen by Unified Testing Initiative Members to
Protect Mobile Java Applications FLM014 07/26...

...2004 09:40 r f bc-CA-Sunbelt-scannr-vsn (CLEARWATER) Sunbelt Software
Releases Major **Upgrade** to Security Vulnerability Scanner LAM013
07/26/2004 09:45 r f bc-AZ-Airline...

1/3,K/9 (Item 8 from file: 20) Links

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33116256 (USE FORMAT 7 OR 9 FOR FULLTEXT)

2004 International Consumer Electronics Show Exhibitor Profiles -- A to F

BUSINESS WIRE

January 05, 2004

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 5273

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Innovations is a new Australian company, priding itself on the development and collation of its **unique** intellectual property. Producing cutting edge toy, novelty and OEM innovations utilising fibre optics. A.L.L. Innovations strive to bring consumers **unique** and exciting products to stimulate the imagination. Company: Apex Digital Inc. Booth: LVCC 13639 Media...spam. It supports POP3 email applications and multiple email accounts. There are no rules to **configure** and no filters to manage. It puts the user in total control of his or...

...flexibility and secure a tight fit to the phone. A two tone contrast creates a **unique** beauty. A patented release clip ensures safety and comfort. Bytech, the art of technology has...

...cell phone accessories. At Bytech we strive to present the industry with excellent and very **unique** products. We package our goods in a uniform and attractive packaging, to optimize retail sales...

...leader since 1984, Cables To Go provides comprehensive interconnect solutions to the A/V and **computer** markets. Our extensive product offering of over 5,000 stock items ensures we have the...nearly unbreakable, patent-pending SuperHinge that NEVER BREAKS during normal use, backed by Lifetime Replacement **Warranty**. New CD & DVD Clean-It Spray Cleaner simply cleans discs that don't need repair... description: Classified Audio Video, Inc. (CAV) manufactures advanced, high-end audio components with engineering principles **unique** in the industry. All components in the CAV solution complement each other through identical topology...

...into the marine/boat industry this year. Company: Compex Booth: South Hall 3 and 4 **number** 22717B Media Contact: Heather Clarke Phone: 714-630-7302 x160 E-mail: hclarke@cpx.com...residential wireless markets. DSP Group Inc. designs complex integrated chip (IC) solutions incorporating advanced DSP (**Digital Signal Processing**) processors, communication technologies (including Bluetooth), highly advanced radio frequency (RF) CMOS devices and in...the very same day. -- "NO HASSLE" return policy is the best in the business. -- Our **number** one priority is quality. -- New innovative products, great prices. Company: Fellowes, Inc. Booth: 8251 Media...

...phones. Company description: Headquartered in Itasca, Illinois, Fellowes, Inc. is a global leader in mobile, **computer** and consumer electronics accessories, as well as business machines such as paper shredders. Fellowes is...

...Gigabyte. Company Description: FLEX-P Inc. is a member of the SD Association, PCMCIA (Personal **Computer** Memory Card International Association) and CFA (Compact Flash Association). Worldwide Sales and Marketing is headquartered...

1/3,K/10 (Item 9 from file: 20) Links

Dialog Global Reporter

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02981151

Maxtor Announces 17.2 Gigabyte DiamondMax 4320 Series of Hard Disk Drives

PR NEWSWIRE

October 01, 1998

Journal Code: WPRW Language: English Record Type: FULLTEXT

Word Count: 967

...magneto-resistive (MR) heads. Other features shared by DiamondMax 4320 and its predecessors are a **digital signal** processor (DSP)-based electronics architecture, partial response maximum likelihood (PRML) read channel technology, and Maxtor...

...66 compatibility. UltraDMA 66-compatible DiamondMax 4320 drives will carry a "U" in the model **number**. UltraDMA 66 improves throughput speeds by doubling (from UltraDMA 33) the data transfer rate to...

...and the hard drive. Additionally, the DiamondMax 4320 also premieres the introduction of Maxtor's **unique** MaxSafe(TM) System for automatically detecting, isolating and repairing hard drive problems. The MaxSafe System ...

...bit software correction; * Improved thermal asperity handling and recovery for higher data reliability; * Maxtor's **unique** "error event logging" mechanism that provides better customer support. The MaxSafe System operates constantly in...

...but it does not adversely affect drive performance or require the user to perform any **configuration** or system modifications. In fact, this system can provide increased benchmark performance, higher data reliability ...

...rating of >500,000 hours; * Minimum start/stop cycle rating of 50,000; * Three-year **warranty**. Breaking the 8.4 GB Capacity Barrier Due to BIOS and operating system limitations, many...

...named to the magazine's "Win100" this year. The DiamondMax 1750 has received recommendations from **Computer** Reseller News, PC Computing and Windows Sources. In its February 1998 issue, BYTE Magazine also...

...About Maxtor Maxtor Corp. (Nasdaq: MXTR) develops, manufactures and markets hard disk drives for desktop **computer** systems. Maxtor's other current products include the DiamondMax 3400, the DiamondMax Plus 2500 and...

1/3,K/11 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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10782413 **Supplier Number:** 53680692 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio Frequency-based Security.(ThinkPad 770Z and 600E notebook PCs)(Product Announcement)

EDGE: Work-Group Computing Report , NA

Feb 1 , 1999

Document Type: Product Announcement

Language: English

Record Type: Fulltext

Word Count: 1345 **Line Count:** 00114

Text:

...in secure computing solutions by introducing the industry's first notebook PCs available with Asset ID, IBM's radio frequency-based security and asset tracking technology. The new ThinkPad 770Z and 600E notebook PCs available with Asset ID provide companies with unparalleled security protection, while also allowing them to rapidly deploy systems to employees and conveniently track their notebook PC inventory. IBM's Asset ID solution combines a radio frequency (RF) ID tag and a handheld RF scanner to read and store vital information about every Asset ID-enabled ThinkPad 770Z and 600E in a company's inventory -- even if the notebooks are unplugged or still in their cartons. This helps protect valuable mobile **computer** assets from theft or unauthorized removal from a company premises. If the system is removed without authorization through a door or passageway protected by an RF sensor, IBM Asset ID will automatically cause the ThinkPad to become password-protected. This prevents the viewing or theft...

...chief technology officer, IBM Personal Systems Group. Announced last year for IBM desktop PCs, Asset ID helps security personnel keep close track of computers to combat theft, while reducing security paperwork and time-consuming bag searches at security checkpoints. For systems administrators, Asset ID eliminates many costly, time-consuming manual steps involved in today's system deployment, inventory and tracking processes. Asset ID stores valuable information about each system, including software **configuration** and the serial numbers of key components. Asset ID also holds a **number** of blank fields, so administrators can customize information to fit a company's specific needs ...

...protection, data encryption and decryption technology for e-business transactions and confidential e-mail and **Digital Signature** to authenticate parties participating in e-business initiatives through the Internet. The Smart Card Security Kit is priced at \$199. "With average annual losses from **computer** hardware theft rising to nearly \$8

billion last year, companies of all sizes are increasingly...
...s new radio frequency and smart card security solutions will help companies arm themselves against **computer** and data theft, protecting their investments." In addition to the added security features, the new...

...The ThinkPad 770Z models are designed for users that require the ultimate workstation-level notebook **computer**. Expanding its reputation as the benchmark for high-end notebook computers, the 770Zs provide power users with stellar performance, multimedia, connectivity and **configuration** flexibility. The new systems feature large 14.1-inch XGA or 13.7-inch SXGA...

...for engineering, financial and other graphics-intensive applications. The new ThinkPad 770 models can be **configured** with a maximum of 320MB of memory, and include a DVD drive, 8MB of video IBM resellers. Asset **ID**-enabled models are available through resellers that participate in IBM's Authorized Assembler Program (AAP), in which ThinkPads are offered in a variety of custom **configurations** to meet customer needs. The modular design of the new ThinkPads facilitates channel assembly and...

...IBM to offer 12-hour depot repair service on these systems. A three-year limited **warranty** is standard. IBM also unveiled mobile options to expand the functionality of the new 770Z...

...disk drive storage options available to ThinkPad customers. For added convenience, users can choose to **configure** their ThinkPads with the new drives at point of purchase. The new drives are equipped...

...ThinkPad 600E models ensures continual performance while working remotely. For more information on IBM Asset **ID** technology, visit <http://www.ibm.com/pc/us/infobrf/assetidor> <http://www.ibm.com/pc...>

1/3,K/12 (Item 1 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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02265522 Supplier Number: 53680692 (Use Format 7 Or 9 For FULL TEXT)

Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio Frequency-based Security.(ThinkPad 770Z and 600E notebook PCs)(Product Announcement)

EDGE: Work-Group Computing Report , NA

Feb 1 , 1999

Document Type: Product Announcement

Language: English **Record Type:** Fulltext

Word Count: 1345 **Line Count:** 00114

Text:

...in secure computing solutions by introducing the industry's first notebook PCs available with Asset ID, IBM's radio frequency-based security and asset tracking technology. The new ThinkPad 770Z and 600E notebook PCs available with Asset ID provide companies with unparalleled security protection, while also allowing them to rapidly deploy systems to employees and conveniently track their notebook PC inventory. IBM's Asset ID solution combines a radio frequency (RF) ID tag and a handheld RF scanner to read and store vital information about every Asset ID-enabled ThinkPad 770Z and 600E in a company's inventory -- even if the notebooks are unplugged or still in their cartons. This helps protect valuable mobile **computer** assets from theft or unauthorized removal from a company premises. If the system is removed without authorization through a door or passageway protected by an RF sensor, IBM Asset ID will automatically cause the ThinkPad to become password-protected. This prevents the viewing or theft...

...chief technology officer, IBM Personal Systems Group. Announced last year for IBM desktop PCs, Asset ID helps security personnel keep close track of computers to combat theft, while reducing security paperwork and time-consuming bag searches at security checkpoints. For systems administrators, Asset ID eliminates many costly, time-consuming manual steps involved in today's system deployment, inventory and tracking processes. Asset ID stores valuable information about each system, including software **configuration** and the serial numbers of key components. Asset ID also holds a **number** of blank fields, so administrators can customize information to fit a company's specific needs ...

...protection, data encryption and decryption technology for e-business transactions and confidential e-mail and **Digital Signature** to authenticate parties participating in e-business initiatives through the Internet. The Smart Card Security Kit is priced at \$199. "With average annual losses from **computer** hardware theft rising to nearly \$8 billion last year, companies of all sizes are increasingly...
...s new radio frequency and smart card security solutions will help

companies arm themselves against **computer** and data theft, protecting their investments." In addition to the added security features, the new...

...The ThinkPad 770Z models are designed for users that require the ultimate workstation-level notebook **computer**. Expanding its reputation as the benchmark for high-end notebook computers, the 770Zs provide power users with stellar performance, multimedia, connectivity and **configuration** flexibility. The new systems feature large 14.1-inch XGA or 13.7-inch SXGA...

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...IBM to offer 12-hour depot repair service on these systems. A three-year limited **warranty** is standard. IBM also unveiled mobile options to expand the functionality of the new 770Z...

...disk drive storage options available to ThinkPad customers. For added convenience, users can choose to **configure** their ThinkPads with the new drives at point of purchase. The new drives are equipped...

...ThinkPad 600E models ensures continual performance while working remotely. For more information on IBM Asset **ID** technology, visit <http://www.ibm.com/pc/us/infobrf/assetidor> <http://www.ibm.com/pc...>

1/3K/13 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01927500

Cushioning conversion system and method

System und Verfahren zur Herstellung von stossabsorbierendem Verpackungsmaterial

Systeme et procede pour la fabrication de produits de calage pour emballages.

Patent Assignee:

- **Ranpak Corp.**; (968466)
7990 Auburn Road; Concord Township, Ohio 44077; (US)
(Applicant designated States: all)

Inventor:

- **Ratzel, Richard O.**
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- **Armington, Steven E.**
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NOTE: Figure number on first page: 1

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Specification: ...package the part and then to instruct the cushioning conversion machine to produce the required **number** of pads having the appropriate lengths. Also, the reliability of the packaging operation is oftentimes ...
...part or parts to be packaged. As a consequence, a packaging system, based on an **identification** of a part or parts to be packaged, produces pads of specified lengths to meet... ..device or other means for identifying the part or parts (e.g., via a part **number** or a part identifier) to be packaged, a memory containing predetermined packaging instructions associated with... ..A known part to be packaged is identified, for example, by entering the part's **identification number** into the system via either a keypad, a pull-down menu, a bar code reader... ..a packaging system includes a packaging material consumption monitoring system and method which counts the **number** of packaging containers, the amount of packaging material generated, and the amount or **number** of other associated packaging supplies to thereby maintain an inventory control function by monitoring the... ..utilizes the collected data to generate a productivity report which provides packaging machine data, operator **identification** data and productivity data reflecting the time required to complete the various steps in the... ..a cushioning conversion machine which dictates the appropriate container (e.g., size and type), the **number** of cushioning pads, their length and their generation sequence. Additionally, the determined optimized packaging methodology... ..shipping order which is read by the packaging system. The packaging system, using the order **number**, identifies each of the parts to be packaged and retrieves additional data associated with each...parts;

Figure 30 is a flow chart illustrating in a step of reading an order **number** for a shipment of items;

Figure 31a-31d are block diagrams illustrating exemplary cubing configurations... ..known part to be packaged is identified by, for example, reading or entering its part **identification number**. Once the part to be packaged is identified, the packaging system retrieves a predetermined set... ..and is operable to retrieve a predetermined set of packaging instructions in response to the **identification** of a part to be packaged, which is preferably identified via the input peripheral 20.....motor, etc.) to form one or more pads of particular lengths in accordance with a **number** of control signal inputs. Such control signal inputs may include inputs from machine sensors, such... ..signal lines 54 for conveying addresses, data and control between the CPU 50 and a **number** of system bus components. The other system bus components include a memory 58 (including a... ..for example, data relating to the proper container to be used for packaging, the part **identification number**, the packaging material generation control requirements (both the amount and sequencing) and user packaging instructions... ..packaging instructions to a user. The method 100 preferably begins with the entry of an **identification number** of a known part to be packaged at step 102. The **identification** step 102 may be carried out in a **number** of ways. For example, the part may have a part **identification number** on it which may be manually input to the packaging system controller 16 via the input peripheral 20 such as by typing the part **number** into the system using a keyboard or keypad. Alternatively, a pull-down menu illustrated on... ..associated sets of predetermined packaging instructions in the packaging system 10. By selecting the part **number** in the pull-down menu using the mouse, the part to be packaging is identified... ..method of entering the part to be packaged, step 102 may include reading the part **identification number** from the

part (or its associated packaging request paperwork) using a pattern recognition device such... for receiving audio signals and the part may be entered by reading aloud the part **number** into the microphone of the packaging system 10. In such a case, the microphone receives... algorithmic search engine to retrieve the predetermined packaging instructions. In such a method, each part **number** is tied to an address space which contains the packaging instructions associated with the part **number**. The CPU 50, using the addresses corresponding to the address space, retrieves the instructions and... 112 the operator determines that the wrong part has been identified (i.e., the part **identification number** was incorrectly entered, etc.), the operator can return to the beginning of the method 100... identifying the part to be packaged at step 102 (i.e., re-enter the part **identification number**) prior to generating any packaging material, thereby avoiding potential waste. If, however, the operator verifies... peripheral 18. Figure 6a preferably includes a windows-type display interface 120 having a part **identification** window 122, a part title box 124 and a box **number** window 126 for displaying the proper packaging container which corresponds to the identified part. The... step identifier 132a, a packaging material amount identifier 132b, a window 132c which indicates the **number** of pads required to complete the identified step, and a packaging illustration box 132d. Lastly... various pieces of data onto the screen as shown in Figure 6a such as the **identification** of the packaging container and the box **number** window 126 and the name of the part in the part title box 124. Preferably, the **number** of parts to be packaged is manually... box 128, however, the present invention may automatically receive such data when reading the part **identification number** or, alternatively, an order, job or lot **number**. In addition, the preview of the packaging methodology for the identified part is displayed by... user.

One manner of identifying the part to be packaged is simply entering the part **identification number** into the window 122. Alternatively, one may also use a pull-down menu using a... packaged. The packaging instructions which are retrieved by the CPU 50 in response to the **identification** of the part to be packaged include both control instructions to control the operation of... at step 352, wherein, for example, the packaging system controller 16 keeps track of the **number** of each type of packaging container used at step 354, calculates the amount of packaging... various packaging materials are consumed, the CPU 50 updates a consumption list by decrementing the **number** associated with the item in memory. For example, if fifty (50) type-1 packaging containers... one of the type-1 packaging containers be utilized, the CPU 50 decrements the inventory **number** of type-1 packaging containers in memory to forty-nine (49). The CPU 50, then... 50 initializes the list to be updated within the memory to zero so that the **number** of containers as well as the various associated supplies indicate that none of the supplies... data, the CPU 50 also records other pertinent information such as the packaging material generator **identification number**, an operator identifier, and a code which indicates which predetermined set of packaging instructions are... 104 of Figure 13, the CPU 50 initializes two counting variables ("i" which represents the **number** of parts which need to be packaged and "j" which represents the **number** of steps required to package each part) at step 420. At step 422, the CPU... in this case, $j = 2$) to a threshold value which when met indicates the maximum **number** of steps in the particular packaging process has been exceeded. If all the steps are... the operator to identify the part to be packaged, such as by providing a part **number** as well as a **number** of such parts to be packaged. (As used herein, solid lines in the flow chart... in step 506. The operator can then indicate to the packaging system 10 the part **number** of the part or parts to be packaged and the **number** of parts to be packaged at step 508. Based on the **identification** of the part to be packaged, the program will retrieve from the information for a... at step 514. The program then checks, as shown in Figure 15b, that the required **number** of parts have not yet been packaged at step 516. Assuming that the required **number** of parts have not yet been packaged, and, as in this example, this is the... initialize the current step counter equal to one at step 518, meaning that the correct **number** of pads of the correct lengths are to be produced for the first step in the process of packaging the identified part. The **number** of steps having been executed in the packaging process is then examined at step 520... message, the packaging system controller 16 will instruct the machine controller 14 as to the **number** of pads to be produced and their order of generation (step 540 of Figure 15c). Alternatively, instead of providing the pad length and the **number** of pads to be produced to the machine controller 14 in one step, the section... one pad of the appropriate length as

many times as needed to produce the correct **number** of pads. Communication between the packaging system controller 16 and the machine controller 14 is... 524 through 532 to confirm that the machine controller 14 received the length and the **number** of pads to be produced.

Accordingly, after the machine controller 14 has been instructed to... enough data to fully identify the part to be packaged, in many instances a full **identification** of the part will not be made, and instead the packaging methodology will be determined... to the cushioning conversion machine 12 at step 610 are control signals which dictate the **number** of cushioning pads to produce, their respective lengths and their order of manufacture, similar to... fewer or greater categories may be provided as necessary. It is preferable, however, that the

number of categories be sufficient to avoid excessive "educated guesses" of fragility, since an estimate G... That is, a fragility value may be assigned to an unknown part if a substantial **number** of attributes are similar to a part having a known fragility value. Similarly, frames which... need to apply additional rules to further focus upon a single solution. For example, the **number** of available containers at step 802 may be further reduced by determining whether each of... amount of wear on the cushioning conversion machine (e.g., which results in the fewest **number** of packaging material generation steps) or the method that requires the least amount of effort... used to train the neural network. Each training example is described in terms of a **number** of characteristics, each of which are input into a separate neuron or "node". The neural... way that distinguishes between different objects included in the training examples. The neural network performs **identification** and discriminates between various available packaging methodologies by assigning numerical weights to many characteristics. Thus... discussed above in conjunction with the expert system 700. The expert packer therefore communicates a **number** of system inputs to the neural network which represent the characteristics of the part to... lading which contains information which identifies, for example, the shipper, the ship to address, the **number** of containers in the shipping order, and the total weight of the shipment. The packaging... monitoring system collects data for various productivity criteria such as, but not limited to, the **number** of orders packed, the **number** of items packed, the total weight packed, the average time per order and the average... a warehouse management system 902. The packaging system controller 901 transmits a tote bar code **number** 903 (or RF tag reader) which represents a shipping order to the warehouse management system 902 when a packer 904 receives a retrieved **number** of items to be packaged. The license plate is read from the tote and the... 12 (e.g., the cushioning and conversion machine) as control signals 908c which dictate the **number** and length of cushioning pads to produce as well as their sequence of generation. The... items to be packaged is received at the packaging station, the packer reads an order **number** associated with the items at step 1002 using, for example, the bar code reader 20b. The packaging system controller 901 of Figure 28 then uses the order **number** at step 1004 to access the warehouse management system which contains a database containing all... warehouse as well as various pieces of data associated with the items such as the **number** of items in inventory 1006, the size, shape and weight of the item 1008 and... packer 904 via the display 18c at step 1016.

The step of reading the order **number** (step 1002 of Figure 29) is illustrated in greater detail in Figure 30. The process... order for a variety of items and the warehouse management system 902 assigns an order **number** to the order. The order is then arranged at step 1022 by the warehouse management... the following exemplary manner at step 1028. A bar code reader 20d reads the order **number** (or license plate **number**) from the bar code 903 on the tote which contains the retrieved items. The packer... pick list is verified at step 1028, the packaging system controller 901 sends the order **number** back to the warehouse management system 902 at step 1030 with a request to retrieve... in Figure 33. The generation of production statistics (step 1106) includes the counting of the **number** of order packed per unit time at step 1120 and the counting of the items... apparatus, a robot and a pad insertion system.

* an input peripheral for providing a part **identification** for the part to be packaged.

- * the input peripheral comprises at least one of a... ..the container.
- * identifying a part to be packaged comprises the steps of:
- * inputting a part **number** associated with the part to a **computer**; and
- * matching the part **number** with a corresponding part **number** in a **computer** memory.
- * inputting the part **number** comprises at least one of entering the part **number** using a keyboard associated with the **computer**, reading a bar code representing the part **number** using a bar code reader, identifying the part **number** from a parts menu on the **computer**, and identifying the part **number** using optical character recognition or video pattern recognition.
- * the parts menu comprises a pull-down menu and the part **number** is identified using at least one of mouse, a keyboard and a touch screen.
- * the step of inputting the part **number** comprises:
- * speaking part identifying information into a microphone; and
- * converting the information into a **digital signal** corresponding to the part **number** using voice recognition.
- * the step of retrieving the packaging instructions comprises the step of accessing... ..of one or more materials used in packaging parts.
- * monitoring the consumption comprises counting a **number** of containers used in packaging the parts.
- * monitoring the consumption comprises calculating an amount of... ..packaging the parts, wherein the supplies include at least one of packaging tape, operating instructions, **warranty** cards, and address labels and identifying where the parts are destined.
- * generating a consumption report... ..of the one or more materials comprises the steps of:
- * initializing a variable representing a **number** of packaging containers used in inventory;
- * decrementing the variable representing the **number** of packaging containers in inventory when packaging a part;
- * comparing the decremented variable to a... ..cushioning conversion machine using the packaging instructions, thereby providing an indication of productivity.
- * monitoring a **number** of packages packaged within a predetermined amount of time, thereby providing an indication of productivity... ..amount of time needed to complete one or more of the packaging instructions, a total **number** of packages packed per unit time, a normalized productivity value, and a trending indicator.
- * a... ..the part may be dropped;
- * identifying a plurality of cushioning curves of various cushioning material **configurations** having data corresponding to the determined height; and
- * determining whether the cushioning material **configurations** relating to the cushioning curves absorb sufficient

shock for a provided fragility rating.

- * applying the... ..the steps of:

- * identifying a static loading range in which at least one cushioning material **configuration** absorbs sufficient shock; and

- * calculating a cushion bearing area using one or more static loading... ..rules comprises the steps of:

- * identifying a static loading value for a potential cushioning material **configuration**;

- * using the static loading value to identify a buckling coefficient;

- * using the buckling coefficient to establish a minimum dimension for a cushioning material **configuration**; and

- * comparing the potential cushioning **configuration** to the minimum dimension to determine whether the potential **configuration** provides sufficient resistance to buckling.

- * a packaging system, comprising:

- * a cushioning conversion machine for converting... ..packaging control methodology.

- * identifying the plurality of parts comprises the steps of:

- * reading an order **number** using a bar code reader; and

- * retrieving a list containing a plurality of parts associated with the order **number** from a database.

- * identifying the plurality of parts comprises the steps of:

- * receiving a pick list for a plurality of goods, wherein the pick list contains an order **number**;

- * arranging the pick list to optimize a retrieval of the plurality of goods;

- * retrieving the... ..information associated with the parts to be packaged comprises the steps of:

- * inputting an order **number** associated with the plurality of parts into a warehouse management system;

- * identifying each part associated with the order **number**;

- * accessing a data base containing the parts to be packaged and information associated with the parts; and

- * retrieving the information of the parts associated with the order **number** from the data base.

- * determining the packaging instructions comprises the steps of:

- * applying one or... ..to a method of shipment;

- * identifying a plurality of cushioning curves of various cushioning material **configurations** having data corresponding to the determined height; and

- * determining whether the cushioning material **configurations** relating to the cushioning curves absorb sufficient shock for a provided fragility rating.
- * applying the... the steps of:
 - * identifying a static loading range in which at least one cushioning material **configuration** absorbs...rules comprises the steps of:
 - * identifying a static loading value for a potential cushioning material **configuration**;
 - * using the static loading value to identify a buckling coefficient;
 - * using the buckling coefficient to establish a minimum dimension for a cushioning material **configuration**; and
 - * comparing the potential cushioning **configuration** to the minimum dimension to determine whether the potential **configuration** provides sufficient resistance to buckling.
- * determining the packaging instructions comprises the steps of:
- * applying one...

Claims: ...step of identifying a part to be packaged includes the steps of:

inputting a part **number** associated with the part to a computer; and

matching the part **number** with a corresponding part **number** in a computer memory.

12. The method of claim 11, wherein the step of inputting the part **number** includes at least one of entering the part **number** using a keyboard, a mouse or a touch screen associated with the computer, reading a bar code representing the part **number** using a bar code reader, identifying the part **number** from a parts menu on the computer, identifying the part **number** using optical character recognition or video pattern recognition, and speaking part identifying information into a microphone and converting the information into a

digital signal corresponding to the part **number** using voice recognition.

13. The method of claim 10, wherein the step of controlling the... step of monitoring the consumption includes one or more of the following steps: counting a **number** of containers used in packaging the parts, calculating an amount of cushioning material used in... of the one or more materials includes the steps of:

initializing a variable representing a **number** of packaging containers used in inventory;

decrementing the variable representing the **number** of packaging containers in inventory when packaging a part;

comparing the decremented variable to a... of productivity.

22. The method of claim 21, further comprising the step of monitoring a **number** of packages packaged within a predetermined amount of time, thereby providing an indication of productivity...

1/3K/14 (Item 1 from file: 349) [Links](#)

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01212826

PDA CONFIGURATION OF THERMOSTATS

CONFIGURATION PDA DE THERMOSTATS

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GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
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Detailed Description:

...control loop tuning parameters may be automatically

7

adjusted as a function of equipment type, **number** of output
stages, output type (modulating or discrete), the HVAC process,
and other factors as... less output as needed

form the respective stages. The thermostat may provide analog

12

or **digital signals** for controlling single or multiple cooling or
heating stages. Humidity control may also be implemented... may be sequenced.

Information about an example sequencer may be disclosed in U.S

Patent **number** 6,536,678 B2, entitled "Boiler Control System and

Method", issued March 25th, 2003, and... Information about an example humidity controller may be

disclosed in U.S. Patent Application serial **number** 10/314,604, entitled "Humidity Controller", filed on December 4th, 2002, and by inventor Paul... ..herein

by reference. Information about an example HVAC may be disclosed in U.S. Patent **number** 5,172,565, entitled "Air Handling System Utilizing Direct Expansion Cooling", issued December 22, 1992... ..interface module 13 including a connection cable. Sensors 25 may be connected to thermostat 11.

Configuration tool and system 10 may provide the following value added features: an armchair thermostat 11 setup; a saving of tested thermostat **configurations** for reuse; a reduction of 17

configuration errors; a reduction in **warranty** returns and customer callbacks; an updating of control setpoints (for example room temperature occupied, unoccupied and standby setpoints); weekly and holiday schedules; and user defined default **configuration** values. A PDA hardware platform is preferred over a laptop personal **computer** (PC) 24 for several reasons including, but not limited to, lower initial cost and smaller... ..disconnected from the thermostat 11. The user may have the option to note a configuration **identification** code and manually set the code using tool or user interface 12. Then interface 12... ..Interrupt line for waking the device, Palm OSTm default is to initiate the HotSync process.

ID (in) Peripheral **ID** line.

9 unused Not connected

2 0

S9 SignalGround

One may note that pin 10...59: 59 = last second of th

2 9

Configuration tool 12 may calculate a configuration **identification** as a function of a selected group of thermostat 11 configuration parameters, using an algorithm. Configuration tool 12 may display the computed thermostat 11 configuration **identification**. There are configuration parameter dependencies.

Here are summarized configuration rules governing limits on parameter data... ..next screen may be the cooling configuration in Figure 9d for a selection of-the **number** of stages, cooling response, lockout, and set point degrees F.

Figure 9e shows a similar... ..error messages, space temperature, remote temperature set point input, discharge air temperature, outside air temperature, **number** of heating stages active, heating capacity output in percent, **number** of cooling stages active, cooling

capacity in terms of percent, remote space relative humidity in... 11, but it may be able to upload a contractor's name, logo and telephone **number**. This information may be presented on the screen of PDA 12. Also, it may likewise... be helpful.

Figure 15 is a flow diagram of an entry of a contractor's phone **number** and logo graphic (and possibly additional information) on a PC at block 16. The format... less output as needed from the 55

respective stages. The thermostat may provide analog or **digital signals** for controlling single or multiple cooling or heating stages. The thermostat may have any combination... resistor 63 may be read on power 56 up and provide an indication of a **unique** resistor value that indicates the presence of a modulating sub-base.

ADC block 59 may... of block 87 may go to block 88 and cause the sub-base configuration resistor **ID** to be read. The next question of symbol 89 may be whether the modulating resistor **identification (ID)** is valid or not. if not, a signal may be sent back to the beginning... the process may repeat itself with the same question of validation of the modulating resistor **ID**. If the resistor **ID** is valid, then a signal may be sent from decision diamond 89 to block 91... may be always active. They may be always being driven 0-100 percent. When the **number** of stages is zero, the relay outputs may be used to enable heating or cooling... output is zero. Staged action may be used in addition to the modulating outputs. The **number** of stages may be set to 1 or 2, or more if desired. In this... by a resistor located on the sub-base. Each I/O configuration may have a **unique** resistor value. One sub-base configuration may have modulating outputs.

A total of four relays... some description of the various keys on keyboard 45.

Table 31 Reference Grouping Button Definition **Number**

Information Down Arrow Used for lowering setpoints, days, and times. When setting times or temperatures... task 140, the received information may go to share memory 130 via data path 139.

ID interface periodic task 153 may receive digital inputs via a hardware connection 154. An output... 1" input (i.e., 3 volts).

The baud rate may be 4800 baud. The maximum **number** of

characters per message may be 11 characters. The limitation may be based on the... 11 bytes long. The least significant bit of each byte is sent first. The "variable **number**" byte is the first byte sent and the "Checksum" is the last byte sent. The... with the external device.

The receive buffer may contain room for four received messages, the **number** of buffers currently in use, a pointer to the buffer being used to receive characters... may ignore received messages.

The send buffer may contain room for four received messages, the **number** of buffers currently in use, a pointer to the buffer being used to send characters... In heat pump mode, fan and only selected one compressor (heating or cooling)

1: The **number** of outputs is available. Auxiliary heat is not configured exceeds the capability of available. Note... item is the super capacitor ability to supply power to the device for the rated **number** of hours after mains power has failed. Clock frequency may be another. A general recommended... Time of Day

dsTempOcc keyTempOcc Set Tempora Occupied Override

dsTempNotOcc keyTempNotOcc Set Temporary Not Occupied **number** of days

dsSetSched keySchedDay, keySchedOcc, or Set Schedules

9 5

State Keypress Description

keySchedNotOcc

dsSchedCopy... be logical in that they generically list the run mode (heat or cool) and the **number** of stages of heat and cool that should be active. A separate function called from... may provide for automatic cycling by including a fictitious temperature error based on the current **number** of stages active as follows: stgs = current stages active set by the algorithm; AntAuth = anticipator... may convert and proportionally adjust the cycling rate for the digital stages, and control the **number** of stages requested based on the configuration of cycle rate, the **number** of stages configured, sensed temperature, time delay minimum time and total error.

Output 465 of... maxHeatStgs.

0: The outputs configuration is consistent with the sub-base type selected

1: The **number** of outputs configured exceeds the capability of the sub-base to support them.

Discharge sensor... In block 351, one may connect PDA 12 to thermostat 11 and upload the configuration **identification** as in block 352. The normal controller delays

may be turned off as in block...

Claims:

...The means of claim 17, further comprising a means for downloading a logo and a **number** to the thermostat

21 The means of claim 20, wherein the means for

downloading a logo and a **number** to the thermostat is a personal digital assistant. 124. The means of claim 20, further comprising a means for displaying a downloaded logo and **number**.

23 The means of claim 18, wherein the thermostat is connected to a means for...

1/3K/15 (Item 2 from file: 349) [Links](#)

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01212825

PDA DIAGNOSIS OF THERMOSTATS

DIAGNOSTIC PDA DE THERMOSTAT

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Detailed Description:

...gains) control loop

tuning parameters may be automatically adjusted as a
function of equipment type, **number** of output stages,
8

output type (modulating or discrete), the HVAC process,
and other factors... less output as needed
form the respective stages. The thermostat may provide
5 analog or **digital signals** for controlling single or
multiple cooling or heating stages. Humidity control may
also be implemented... may be
sequenced. Information about an example sequencer may be
disclosed in U.S Patent **number** 6,536,678 B2, entitled
"Boiler Control System and Method", issued March 25th,
2003, and... Information about an
example humidity controller may be disclosed in U.S.

Patent Application serial **number** 10/314,604, entitled
"Humidity Controller", filed on December 4th, 2002, and
by inventor Paul... herein by reference. Information about an example HVAC
may be disclosed in U.S. Patent **number** 5,172,565,
entitled "Air Handling System Utilizing Direct Expansion

14

Cooling", issued December 22... the following value added features.

an armchair thermostat 11 setup; a saving of tested

thermostat **configurations** for reuse; a reduction of **configuration** errors; a reduction in **warranty** returns and customer callbacks; an updating of control setpoints (for example room temperature occupied, unoccupied and standby setpoints); weekly and holiday schedules; and user defined default **configuration** values. A PDA hardware platform is preferred over a laptop personal **computer** (PC) 24 for several reasons including, but not limited to, lower initial cost and smallerdisconnected from the thermostat 11. The user may have the option to note a configuration **identification** code and manually set the code using tool or user interface 12. Then interface 12... ..Interrupt line for waking the device, Palm OSTm default is to initiate the HotSync process.

ID (in) Peripheral **ID** line.

9 unused Not connected

5

10 SG Signal Ground

One may note that pin...I

59: 59 = last second of the minute

Configuration tool 12 may calculate a configuration **identification** as a function of a selected group of thermostat 11 configuration parameters, using an algorithm. Configuration tool 12 may display the computed thermostat 11 configuration **identification**.

There are configuration parameter dependencies. Here are summarized configuration rules governing limits on parameter data... ..next screen may be the cooling configuration in Figure 9d for a selection of the **number** of stages, cooling response, lockout, and set point degrees F. Figure 9e shows a similar... ..error messages, space temperature, remote temperature set point input, discharge air temperature, outside air temperature, **number** of heating stages active, heating capacity output in percent, **number** of cooling stages active, cooling capacity in terms of percent, remote space relative humidity in... ..thermostat 11, but it may be able to upload a contractor's name, logo and telephone **number**. This information may be presented on the screen of PDA 12.

Also, it may likewise... ..helpful.

Figure 15 is a flow diagram of an entry of a contractor's phone **number** and logo graphic (and possibly additional information) on a PC at block 16. The format...output as needed

from the respective stages. The thermostat may provide

analog or **digital signals** for controlling single or multiple cooling or heating stages. The thermostat may have any combination... configuration resistor 63 may be read on power-up and provide an indication of a **unique** resistor value that indicates the presence of a modulating sub-base.

ADC block 59 may... of block 87 may go to block 88 and cause the sub-base configuration resistor **ID** to be read. The next question of symbol 89 may be whether the modulating resistor **identification (ID)** is valid or not. If not, a signal may be sent back to the beginning... the process may repeat itself with the same question of validation of the modulating resistor **ID**. If the resistor **ID** is valid, then a signal may be sent from decision diamond 89 to block 91... may be always active. They may be always being driven 0-100 percent. When the **number** of stages is zero, the relay outputs may be used to enable heating or cooling... output is zero.

Staged action may be used in addition to the modulating outputs. The **number** of stages may be set to 1 or 2, or more if desired. In this... by a resistor located on the sub-base. Each I/O configuration may have a **unique** resistor value. One sub-base configuration may have modulating outputs. A total of four relays... some description of the various keys on keyboard 45.

Table 31

Reference Grouping Button Definition

Number

96 Information Down Arrow Used for lowering setpoints, days, and times. When s times or... task 140, the received information may go to share memory 130 via data path 139.

ID interface periodic task 153 may receive digital inputs via a hardware connection 154. An output... logic 11" input (i.e., 3 volts).

The baud rate is 4800 baud. The maximum **number** of characters per message may be 11 characters. The limitation may be based on the... 11 bytes long. The least significant bit of each byte is sent first. The "variable **number**" byte is the first byte sent and the "Checksum" is the last byte sent. The... with the external device.

The receive buffer may contain room for four received messages, the **number** of buffers currently in use, a pointer to the buffer being used to receive characters... ..may ignore received messages.

The send buffer may contain room for four received messages, the **number** of buffers currently in use, a 25 pointer to the buffer being used to send... ..In heat pump mode, fan and only selected one compressor (heating or cooling)

1: The **number** of outputs is available. Auxiliary heat is not configured exceeds the capability of available. Note... ..item is the super capacitor ability to supply power to the device for the rated **number** of hours after mains power has failed. Clock frequency may be another. A general recommended... ..Time of Day
dsTempOcc; keyTempOcc Set Temporary Occupied Override
dsTempNotOcc keyTempNotOcc Set Temporary Not Occupied **number** of days
dsSetSched keySchedDay, keySchedOcc, or Set Schedules
keySchedNotOcc
dsSchedcopy keySchedCopy Copy schedule from one...be logical in that they generically list the run mode (heat or cool) and the **number** of stages of heat and cool that should be active.

A separate function called from... ..may provide for automatic cycling by including a fictitious temperature error based on the current **number** of stages active as follows: stgs = current stages active set by the algorithm; AntAuth = anticipator... ..may convert and proportionally adjust the cycling rate for the digital stages, and control the **number** of stages requested based on the configuration of cycle rate, the **number** of stages configured, sensed temperature, time delay minimum time 105 and total error. Output 465... ..maxHeatStgs.

0: The outputs configuration is consistent with the sub-base type selected

1: The **number** of outputs configured exceeds the capability of the subbase to support them.

Discharge sensor out... ..In block 351, one may connect PDA 12 to thermostat 11 and upload the configuration **identification** as in block 352.

The normal controller delays may be turned off as in 10...

1/3K/16 (Item 3 from file: 349) [Links](#)

PCT FULLTEXT

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01190545

PART TESTER AND METHOD

DISPOSITIF DE VERIFICATION DE PIECES ET PROCEDE

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English Abstract:

...tester (400) can be configured to prevent part warranty fraud by requiring the input of **unique** part (440) identifying information (450) into a part tester (400) prior to initiation of the...

French Abstract:

...fraude portant sur la garantie des pieces en exigeant l'entree d'informations uniques d'**identification** de piece dans le dispositif de verification de piece avant que la verification ne debute ...

Detailed Description:

...result in an increase in battery warranty costs. Since current battery testers do not gather **unique** battery identifier data, there is no way to show that the battery that appears on... ..and any other information useful for warranty cost reduction, quality assurance tracking information or battery **identification**. The method can include providing a dealer

2

part code or a warranty line **number** in a report, which can be entered by a service technician or acquired from a... ..that contains correct identifying information, which can be introduced in to the database when vehicle **identification number** (VIN) information is entered. To prevent fraud, an error signal can be supplied when the... ..the form of a computer chip that sends a signal, or it can be a **unique** identifier where the information is downloaded from a database matching the identifier to the information... ..network connection, wireless communication. The battery identifying information can be contained, for example, in a **unique** code affixed to each battery contained in a label. The label can be

5

associated... ..or amperagehours, (AH) of the battery, the date of manufacture of the battery, the lot **number** or unit **number** of production or any other useful information than can be part of the **unique** information gathered specific to the battery. This information can be coupled with information entered in to the tester by the operator, such as make and model of car and VIN **number**. Alternatively, the VIN **number** can be scanned. The make and model of car can be searched in a database... ..correct type of battery for the vehicle. By accessing another database that includes the VIN **number** and the appropriate CCA information it would be possible to ensure the correct battery was being used for the make and model associated with the VIN **number**.

The battery tester can receive the identifying information from the input device.

The input device... a chip signal, or reading the information from the battery in any of a **number** of possible coding mechanisms previously detailed. The information can be verified on the spot in... an IR LED port.

By scanning or receiving the battery identifying information which contains a **unique** code for the battery, the code can be included on a report that includes the... automobile part 440. Input device 430 connected to tester 400 via data conduit 460 reads **unique** part identifying information 450 into tester 400 prior to performing the test.

Referring to FIG... other output device, for outputting the completed test information. The battery tester 200 can be **configured** to attach to a data supply system, such as a **computer**, for uploading and downloading and storing test information, verification information, **warranty** information, safety information, quality assurance information or other information needed or useful to test batteries in a manner to avoid fraud. The battery tester 200 can be **configured** with a wireless communication system for exchanging such information with a data system remotely. For... or a wireless transmitter for sending information via wireless network connections. The tester can be **configured** with a flash memory module to simplify data transfer or to **upgrade** the tester.

10

The battery tester 200 can be a common battery tester, such as... alternator charging the battery. The internal resistance of the battery can be directly measured during **digital signal** processing of the voltage. Charge 1 0 acceptance and battery condition can be performed to... determining how the battery voltage holds up under a high amperage load. This involves a **unique** pulsed impedance testing method to simulate a Y2CCA current 15-second load test on the... of the same battery, reducing the potential for fraud. The battery tester 10 can be **configured** such that cables 30 and 50 must be connected to the battery prior to testing. The battery tester 10 can be **configured** so that the tester or bar code reader 40 will not operate or permit a test

12

result acceptable for **warranty** claims, without reader 40 being between cables 30 and 50 while reading code 60. A... bar code reader 40 can read bar code 60 from the battery 20 obtaining information **unique** to that battery 20. Once this information is read into the tester 10, the test... 50 is removed from the battery 20 prior to testing, the tester 10 can be **configured** to refuse to run the test, or to return an error message with a print... 20 can be tested and a report can be printed, downloaded to a 1 0 **computer** system, or transmitted electronically that includes the battery's **identification** information and status, including **warranty** status. By using a **unique** code for each battery, battery **warranty** fraud can be minimized.

The apparatus can be configured to assist in minimizing fraud. For... connecting cable. The battery-tester can also store the testing information for later output.

A **number** of embodiments have been described. Nevertheless, it will be understood that various modifications may be...

Claims:

...The method of any of claims 1- 9 further comprising providing a warranty line **number** of the battery in a report.

21 The method of any of claims 1-20...

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Detailed Description:

...access to those who have paid for the service. By providing each user with a **unique** username and a changeable password, the service can ensure that only paid subscribers can access... B2C market principally by the use of credit cards. The customer provides his credit card **number** and address with the order, which the supplier then verifies with the credit card company...the services and functions available through it. However, we have appreciated that there are a **number** of problems with conducting

eCommerce using only these systems. These problems are discussed below.

In... ..and passwords has created a management problem for many Internet users due to the sheer **number** that need to be remembered, particularly when good security practice requires passwords to be frequently...

Claims:

...the entire system to scale, with each gateway storing and forwarding information, thereby allowing any **number** of users to be connected. Information from the multiple application Plug-Ins 70 72, 74... ..augment that of the standard web browser. The BHO is implemented to respond to a **number** of significant events that occur as the web browser is operated and directed by the... ..and data submitted to the web server from the browser and identify data that is **unique** to the user. It may do this simply by searching the outbound data stream for... ..do this by searching objects in the DOM for terms such as 'Receipt' or 'Account **Number**', The BHO may also use the DOM to determine the field names or field types... ..Component Object Model (COM) and that utilizes the ExchangeIExchExt interface. This interface provides a **number** of additional interfaces for modifying the operation of the Exchange e-mail client, such as... ..for evidence of an e-commerce transaction, by identifying significant words such as 'receipt' or 'account **number**'. The message may then be stored for auditing purposes. In the case of an unapproved... ..scan the content of the outgoing e-mail for sensitive data, such as credit card **number**, and consequently cause the message to be recorded or even blocked. Plug-In Module Operation... ..of security, the information stored in the database is encrypted, so that only a select **number** of people, such as network supervisors, system administrators or company directors 5 have access to... ..not the indicated data is to be recorded. - 37 The WhenToStartRecording branch sets out a **number** of conditions which specify the point at which the data specified in the DataToRecord branch... ..text, any attachments to the message, and in the case of messages signed with a **digital signature**, a copy of the digital certificate accompanying the signature. Conditions for recording sent mail and... ..received mail are set out in the WhenToRecord branch and may be based on the **identification** of a credit card **number**, a keyword or a digital certificate in the mail that is sent or received. The... ..also be possible. The branches shown in this diagram are only intended to be illustrative. **identification** of Credit Card Numbers The preferred system also searches for Credit Card numbers or other... ..tests universally used by credit card companies to validate card numbers. If a credit card **number** is found in the transmission, then the preferred system may take a **number** of actions depending on the settings in the policy file, such as refer the transmission... ..renegotiate a higher level of encryption to safe-guard the transmission if the credit card **number** belongs to the company, or prevent the transmission from taking place altogether. - 39 The most common test to identify a credit card **number** is defined in ANSI standard X4.13, and is commonly known as LUHN or Mod... ..check digit is figured in as part of the formula. To validate a credit card **number** using the Luhn formula, the value of every second digit after the first, starting from the right hand side of the **number** and moving leftwards, is multiplied by two; all of the digits, both those that have... ..the sum is divisible by ten, then the credit card is a valid credit card **number**. Figure 8 is a flow diagram which illustrates the operation of a plug-in module... ..formula described above, in data which is about to be transmitted. If a credit card **number** is identified, the plug-in module implements further policy-based checks, based on the outcome... ..which, the plug-in module may determine to transmit the data containing the credit card **number** or to prevent transmission. The module begins operation at step S160, which follows point IC... ..from it a first string of digits that is likely to be a credit card **number**. This is

achieved by scanning the data comprising the transmission for strings of digits over a particular **number** of digits long. Credit card numbers are usually made up of more than 12 digits... routine end of file check is made. If the data contains no candidate credit card **number** and the end of the file check is reached before any first candidate **number** could be found, then at step S164 control passes to step S178 where the transmission... client operation shown in Figure 5 from point B. If a first potential credit card **number** is found in the data in step S162, then it is extracted and stored in... S162 to step S164 and then to S166 where a checksum for the stored candidate **number** is calculated using the Luhn formula. Control - 41 then passes to decision step S168, where the checksum is queried. If the checksum indicates that the candidate **number** is not a valid credit card **number** then control passes back to step S162 where the next potential credit card **number** is extracted from the data. If a second credit card **number** is not found, then the end of the file is reached and control passes to... to step S180 where the module exits. However, if the checksum indicates that the candidate **number** is a valid credit card **number** then control passes to decision step S170 where the settings of the policy data are... appropriate action to take. The action may be determined from such factors such as the **number** itself, the identity of the user transmitting the **number** and the address to which it is to be sent. The policy data might for... to restrict transactions on a particular account 'altogether. - 42 In step S170, the credit card **number**, and other details of the transaction are compared to the settings in the policy file... any reason, with reference to the policy checks, it is determined that the credit card **number** should not be transmitted, control passes to step S172 where transmission of the data is... an e-mail client. If in step S172, it is determined that the credit card **number** may be transmitted, control passes to step S176 where transmission of the data occurs, and... solely by scanning the content of the transmission. In web browser implementations the credit card **number** may for example be directly identified by referring to the field names of any variables... also from the representation of the web page in memory. The discussion above about the **identification** of passwords explains this in more detail. - 43 The preferred system may also be **configured** to search outgoing transmissions for other pertinent financial details, such as... entries in the accounts file to determine whether or not it is a valid account **number**. The transaction may then be allowed to proceed or be refused in the manner described... card numbers have been referred to, it will be appreciated that any type of card **number** for making payment such as debit card numbers may also be used. Also, although **identification** of credit card numbers has been explained with reference to data that is to be... These requirements are usually met by the purchaser supplying the trader with his credit card **number** and the cardholder address which can then be verified by the seller with the card... Certificates are attached to electronic transmissions by the user which, in conjunction with a - 44 **digital signature**, allow the receiver to verify that the transmission originated from the person named as sender. Digital certificates from certain issuing authorities, such as Identrus, may also act as a **warranty** that the holder will honour his commitment to pay a specified amount of money. These certificates are useful when trading on-line. **Digital signatures** are a widely used means of establishing an individual's identity on-line when transmitting... by another Certificate Authority. A digital certificate typically contains the holder's name, a serial **number**, an expiration date, a copy of the certificate holder's public key and the **digital signature** of the certificate issuing authority. A private key is also issued to the certificate holder who should not disclose it to anyone else. Certificates are **unique** to each holder and may be revoked by an issuer if the holder is no... using the sender's private key. The encrypted hash may then be used as a **digital signature** for the message that is being transmitted. The original message, the **digital signature** and the transmitter's digital certificate are all sent to a recipient who, in... to step S191 in which the expiry date of the certificate is checked, and the **digital signature** confirmed as having signed the message. If the certificate has expired, or the message is... sent and details of any transaction associated with the transmission such as monetary value, account **number** etc. If the certificate has already been marked as revoked in step S196 then control... Certain certificates are issued only for use in conjunction with monetary transactions. For example, the '**warranty** certificate' issued by some on-line banking organisations, such as Identrus, as a **warranty** to the receiver of the signed transmission. Such **warranty** certificates testify that the sender of the transmission is a customer of an Identrus member... checks on any given digital certificate need only be made every 30 days.. Again, the **number** of days specified on both of these branches, is left to

the user of the...the case of an eCommerce transaction, the issuer of the Digital Certificate will confirm a

warranty for the amount promised in the transaction. Control next passes to step S212, in whichelectronic records or by actively storing copies of any electronic records in files on his **computer**. The reliance on manual methods to ensure these records are maintained is clearly both unreliable... ..be simply the URL of the site. In this case the preferred system may be **configured** to record all data transmitted to a web page which has been identified as that of an on-line trading company. Other indications might be an identified credit card **number**, an electronic receipt, an e-mail acknowledging the sale, use of a digital certificate, in particular a digital **warranty** certificate, or a purchase code. Once a transaction has been identified as occurring, the preferred... ..may be stopped when the end of the transaction is identified or after a predefined **number** of transmissions between the purchaser and the trader have taken place. Similarly, once a transaction has been identified, the preferred system may record in the database a predefined **number** of cached transmissions that took place immediately before the first recognised transmission of the transactionthe first indication that a transmission is occurring is the detection of a credit card **number** or an electronic receipt, since these are likely to be received at the very end of... transactions usually involve the transmission of personal information, such as name and address, credit card **number** or other account identifying information, secure links are usually negotiated as a matter of coursethen control passes to decision step S260. In decision step S260, the first of a **number** of checks on the content of the transmission are made in order to determine whether... ..In step S260, the transmission is scanned to see if it contains a credit card **number**. The method for doing this has been described with reference to Figure S. If a credit card **number** is found in the transmission then it is assumed that a transaction must be occurring and control passes to step S258 at which the module exits. If no credit card **number** is found then control passes instead to decision step S262 where the transmission is scanned... ..be identified from descriptive data in the transmission such as a field name like "Account **Number**" or similar characters appearing in the text of a message. If in decision step S262... data tree which sub-divides into two separate sub-branches called AIdentification@ and ATermination@. The **Identification** branch is itself divided into five sub-branches which correspond to the determinations made instep S256 of the process shown in Figure 12. The next sub-branch of the **identification** branch is entitled AIfCreditCardNumberPresent@ and allows the user to specify whether the detection of a credit card **number** should or should not be used to initiate recording of data being transmitted or received... ..corresponds to decision step S260. The PreviousPages sub-branch of the IfCreditCardNumberPresent branch lists the **number** of web pages, prior to the web page in which the credit card **number** was detected, which should also be recorded. Since credit card numbers are normally submitted at... ..explained in more detail with reference to Figure 14. The next sub-branch of the **Identification** branch tree is entitled AIfAccountsCodePresent@ and allows a user to specify whether or notthe AccountCodes sub-branch of the IfAccountCodePresent branch. Note that this table also shows the **number** of previous pages to record, in a similar manner to that described above for credit card **identification**, however in this case the **number** of previous pages to record is stored in table r allowing a different **number** of pages to be specified for each detected account code. The IfKnownRCommerceSite branch allows the... ..may be detected, in this case key words listed in table t, and also the **number** of previous pages that are required to be stored if key words are detected... ..recording should stop and recording should stop after the receipt of 20 web pages following **identification** that a transaction is occurring. It must be stressed that policy data shown in this diagram, in particular, but also in the other diagrams is **unique** to each user. Not only may a user specify whether or not particular conditions are... ..be acted on by setting the Yes or No variable accordingly, or by changing the **number** of pages that are to be recorded for example, but also the structure and arrangement... scenario in which the amount of data to record is specified in terms of the **number** of web pages that are to be retrieved from the pages cached in memory. The **number** differs depending on whether a credit card **number**, an account code or a keyword is identified. Furthermore, table r shows that with the recognition of different account codes the **number** of previous web pages to store might be different, reflecting the relative importance of the... ..cache are retrieved. In the case of a web browser, this may be a determined **number** of prior pages, as described above. Where the transaction was detected in a web browser... order is received.

Alternatively, recording of transmissions may be caused to stop after a pre-determined **number** of transmissions between the user and the other party have occurred, or if a certain... keeps the memory required for the cache memory low, as well - 75 as reducing the **number** of previous transmissions that need to be searched if searching techniques are to be employed... as forming part of the transaction, since it will contain common characteristics, such as order **number**, account **number**, goods description, price etc. It may also be sent from an address similar to the... this by recording additional information, such as the amount of time a purchase takes, the **number** of 5 keystrokes and mouse clicks required to complete a purchase, the amount of 'idle... last timestamps could be recorded in the database and the transaction duration calculated later. The **number** of keystrokes and mouse clicks can be determined in a Microsoft Windows based system by ... en-us/dnmgmt/html/msdn-hooks32.asp)- 77 The preferred system maintains counters of the **number** of keystrokes (using the WH-KEYBOARD hook) and mouse clicks (using the WH-MOUSE hook... and the last transmission are added together, and the result, which will be the total **number** of keystrokes and mouse clicks during the overall transaction, is stored in the database in... be caused to require approval, or all e-mails containing predetermined information recognised via keyword **identification**. If it is determined in step S292 that no approval is required, control passes directly... may even be an automated process. In the case of a large company with a **number** of departments, it may be advantageous to have a group of approvers for each department, each... encryption strengths for various types of data. The policy data takes the form of a **number** of key-value pairs arranged on separate branches of the policy data tree. The key... numbers, for example, are listed along with corresponding encryption strengths specific to each password or **number**. Once a security rating has been assigned, the plug-in module interrogates either the web... a difference in the determined desirable level of security and that being provided in a **number** of ways and that the actions outlined above are only illustrative. Further actions that may ... for doing this was described earlier with reference to Figure B. If no credit card **number** is detected in the data then control passes to step S314 in which the module... Assigning a security rating is then simply a matter of looking up password, credit card **number** or other data in the policy data and reading off the corresponding rating. References to... In determining whether to re-direct such messages the preferred system takes into account a **number** of factors including the identity of the sender, the identity of the intended recipient, the... module is shown in Figure

20 Figure 19 is a policy data tree having a **number** of branches which correspond to decision steps in Figure 5. The plug-in module... sent. For example, the sensitive nature of the e-mail can be determined by a **number** of methods including scanning it for keywords such as confidential or 'by checking contains a **number** of sub-branches specifying parameters against which command values can be set. For example, the... In determining which course of action to take, the preferred system takes into account a **number** of factors, including the nature of the message content (including any attachments), the identity of... to decision step S414, where as before, the e-mail text is searched for a **number** of keywords which might indicate that it contains sensitive data and requires a **digital signature**. Depending on whether the e-mail contains such sensitive keywords, the user of the e... specified on the CertificatesUsed branch under the DenySigning branch, and specifies the issuer, type, certificate **number** or signing key of digital certificates that are deemed of interest. Should the digital certificate... The system of claim 270 wherein said analyser is operable to record a pre-determined **number** of subsequent transmissions of said outbound data or said inbound data following an **identification** of the existence of a transaction by said analyser, providing that the address or organisation... of the nature of the transaction, and said rules of said policy data define the **number** of subsequent transmissions of said outbound data and said inbound data that are to be... 280. The system of claim 278 wherein said rules of said policy data define the **number** of subsequent transmissions of said outbound and said inbound data that are to be... or said inbound data that occur within a pre-determined amount of time following an **identification** of the existence of a transaction by said analyser, providing that the address or organisation... 291. The system of claim 290 wherein said rules of said policy data specify the **number** of web pages that are to be retrieved from those previously stored in memory in... said outbound data is transmitted or said inbound data is received, account code or reference

number. 294. The system of claim 270 wherein said application is operable to store all of... data. 300. The system of claim 270 wherein the analyser is operable to determine the **number** of keystrokes or mouse-clicks made in order to complete the transaction, and cause this... system of claim 320 wherein said analysing means is operable to record a pre-determined **number** of subsequent transmissions of said outbound data or said inbound data following an **identification** of the existence of a transaction by said analysing means, providing that the address or ... of the nature of the transaction, and said rules of said policy data define the **number** of subsequent transmissions of said outbound data and said inbound data that are to be... 330. The system of claim 328 wherein said rules of said policy data define the **number** of subsequent transmissions of said outbound and said inbound data that are to be stored... or said inbound data that occur within a pre-determined amount of time following an **identification** of the existence of a transaction by said analysing means, providing that the address or... 341. The system of claim 340 wherein said rules of said policy data specify the **number** of web pages that are to be retrieved from those previously stored in memory in... said outbound data is transmitted or said inbound data is received, account code or reference **number**. - 190 344. The system of claim 320 wherein said application means is operable to store ... The system of claim 320 wherein the analysing means is operable to determine the **number** of keystrokes or mouse-clicks made in order to complete the transaction, and cause this... 378. The method of claim 370 further comprising the step of recording a pre-determined **number** of subsequent transmissions of said outbound data or said inbound data following an **identification** of the existence of a transaction in said analysing step, providing that the address or ... of the nature of the transaction, and said rules of said policy data define the **number** of subsequent transmissions of said outbound data and said inbound data that are to be... 380. The method of claim 378 wherein said rules of said policy data define the **number** of subsequent transmissions of said outbound and said inbound data that are to be stored... or said inbound data that occur within a pre-determined amount of time following an **identification** of the existence of a transaction in said analysing step, providing that the address or... 391. The method of claim 390 wherein said rules of said policy data specify the **number** of web pages that are to be retrieved from those previously stored in memory in... said outbound data is transmitted or said inbound data is received, account code or reference **number**. 394. The method of claim 370 further comprising the steps of storing all of said... transaction data. 400. The method of claim 370 wherein said analysing step includes determining the **number** of keystrokes or mouse-clicks made in order to complete the transaction, and causing this... on said computer is further operable to control the computer to record a pre-determined **number** of subsequent transmissions of said outbound data or said inbound data following an **identification** of the existence of a transaction, providing that the address or organisation to which the... the nature of the transaction, and said rules of said policy data define the **number** of subsequent transmissions of said outbound data and said inbound data that are to be... computer program product of claim 428 wherein said rules of said policy data define the **number** of subsequent transmissions of said outbound and said inbound data that are to be stored... or said inbound data that occur within a pre-determined amount of time following an **identification** of the existence of a transaction, providing that the address or organisation to which the... computer program product of claim 440 wherein said rules of said policy data specify the **number** of web pages that are to be retrieved from those previously stored in memory in... wherein said program code when executed on said computer is further operable to determine the **number** of keystrokes or mouse-clicks made in order to complete the transaction, and cause this... inbound data, and to identify outbound data or inbound data that contains a credit card **number** as transaction data. 482. The system of claim 481 wherein said policy data specifies pre... inbound data, and to identify outbound data or inbound data that contains a credit card **number** as transaction data. 510. The system of claim 509 wherein said policy data specifies pre... said inbound data, and identifying outbound data or inbound data that contains a credit card **number** as transaction data. 538. The method of claim 537 wherein said policy data specifies pre... inbound data, and to identify outbound data or inbound data that contains a credit card **number** as transaction data. - 24 4 566. The computer program product of claim 565 wherein said... said digital certificate holder's identity, the expiry date of said digital certificate, the issue **number** of said digital certificate, and the domain name from which the signed data was received... digital certificate, the account code from which any

payment is being made, a credit card **number**, one or more indicators of the nature of the transaction, and wherein said rules of said digital certificate holder's identity, the expiry date of said digital certificate, the issue **number** of said digital certificate, and the domain name from which the signed data was received... digital certificate, the account code from which any payment is being made, a credit card **number**, one or more indicators of the nature of the transaction, and wherein said rules of said digital certificate holder's identity, the expiry date of said digital certificate, the issue **number** of said digital certificate, and the domain name from which the signed data was received... digital certificate, the account code from which any payment is being made, a credit card **number**, one or more indicators of the nature of the transaction, and wherein said rules of said digital certificate holder's identity, the expiry date of said digital certificate, the issue **number** of said digital certificate, and the domain name from which the signed data was received... digital certificate, the account code from which any payment is being made, a credit card **number**, one or more indicators of the nature of the transaction, and wherein said rules of...

1/3K/18 (Item 5 from file: 349) [Links](#)

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00805495

INSURANCE MARKETING METHODS

PROCEDES DE COMMERCIALISATION D'ASSURANCES

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...GM, IIR, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BE, BJ, CF, ITU, **ID**, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, CG, CI, CM ...Illustratively, the property includes a vehicle.

Further illustratively, the information includes the vehicle's vehicle **identification** number (VIN).

Further illustratively, the method includes maintaining a data set containing, by VIN, a year of manufacture (year) of the vehicle, a manufacturer **identification** (make) of the vehicle, a model designation of the vehicle (model), and a body style... 5 information concerning a year of manufacture (year) of the vehicle, a manufacturer **identification** (make) of the vehicle, a model designation of the vehicle (model), and a body style... to remit a refund payment.

Illustratively, the method further includes executing the document via a **digital signature**.

Further illustratively, the method includes manually executing the document.

Additionally illustratively, directing the second insurance...the car is parked at night in Zip Code widget 3004. The user enters the **number** of years the primary driver of this vehicle has been continuously insured in Years Insured... The user selects a range of miles from Miles widget 3006 corresponding to either the **number** of miles driven one way if the user commutes, or, the **number** of miles driven daily if the user does not commute. The user then indicates the... The user indicates the occupation by selecting an occupation from Occupation List widget 3109. The user indicates the **number** of years the driver has been employed in this occupation in Years Employed widget 3110. The user indicates the **number** of years this driver has been licensed to drive in the United States by entering... where a driver has been licensed for less than three years or has a significant **number** of accidents. If the driver is deemed to be insurable, the system responds with third... State widget 5007, Zip Code widget 5008, Home widget 5009, Business widget 5010, Both widget 5011. Phone Area Code widget 5012, Phone **Number** widget 5013, Fax Area Code widget 5014, Fax **Number** widget 5015, Driver's License **Number** widget 5016, Issuing State widget 5017, Email Address ...home address, business address or both. The user enters a phone area code and phone **number** and fax area code and fax **number** in Phone Area Code widget 5012, Phone **Number** widget 5013, Fax Area Code widget 5014 and Fax **Number** widget 5015, respectively.

The user enters the policy holder's driver's license **number** in Driver's License **Number** widget 5016 and also the issuing state of the policy holder's driver's license... 00 (see Fig. 5A) if there is a second driver on the policy, or Car **Identification** Data page 5200 (see Fig. 5B) If there is no second driver on the policy... Purchase page 5100 if there are additional drivers on the policy, or with Car **Identification** Data page 5200, Fig. 5B, If there are no more

additional drivers on the policy.

Car **Identification** Data page 5200 includes matrix 5210, Clear widget 5221 and Next widget 5222. Matrix 521...
...reading from each
vehicle in Odometer widgets 5211 and 5214. The user enters the vehicle
identification number for each vehicle in VIN widgets 5212 and 5215. The user enters the name of... ..Monthly
widget 5301, Six
Month widget 5302, MasterCard widget 5303, Visa widget 5304, Credit Card **Number** widget 5305, Expiration
Date widget 5306, Social Security **Number** widget 5307, 1 5 First Name widget 5308, Middle Initial widget 5309,
Last Name widget... ..Billing Address widget 5311, City widget 5312, State widget 5313, Zip Code 5314, Phone
Number widget 5315, Policy Email Address widget 5316 Update widget 5317 and Next widget 5318. The...
...desires to use to make payments for the policy. The user enters the credit card **number** to be used for payments in
Credit Card **Number** widget 5305, and further enters the expiration date for that credit card in Expiration Date
widget 5306. The user enters the social security **number** of the credit card holder in Social Security Card widget
5307. The user enters the... ..5313 and Zip Code 5314, respectively.

The user enters the credit card holder's telephone **number** in Telephone **Number** widget 5315. The user enters the
address to send renewal and billing notices in Email...

Claims:

...so, the user provides the name of his or her current insurance provider and the **number** of his or her current policy.
The system then generates a document indicating the customer... ..so, the user provides the name of his or her
current insurance provider and the **number** of his or her current policy. The system then electronically generates a
document indicating the... ..It to the new insurance provider, or the user executes the document electronically via a
digital signature which is immediately received by the new insurance provider. Thereafter, the new insurance
provider contacts... ..which a user
enters information regarding personal property. The information includes such elements as model **number**, serial
number, description, purchase price, purchase location, and the like for each piece of property. Users may...
...illustrated in Fig. 10, or, if they purchase insurance from an insurance provider using a **computer**, in which
specific property is itemized, such as automobile insurance or riders to a homeowner... ..on the packaging of most
products, or the products themselves, and the insurance provider's **computer** performs a database query to determine
appropriate product details from a family of databases licensed...user is required to enter to complete a record using
this method are: UPC, serial **number**, date of purchase, place of purchase, and purchase price. Additionally, if a
credit card was... ..enter information pertaining to the property into a database. The user also enters the serial
number of the property in order to specify the exact item to be insured. The data... ..modify the descriptions of
items of personal property, delete items of personal property, use a **warranty** service, file a claim, use the
replacement service for approved claims, or shop for merchandise... ..off the items that were lost or damaged and
enter a police or fire report **number**, as illustrated in Fig. 10E. The system quickly calculates a claim settlement.
This settlement typically...the user will have the option to direct the insurance provider to automatically submit
warranty cards to manufacturers for all items of personal property the user enters into the database in the future. To
accomplish this, the user enters standard **warranty** card data, for example, name and address, only one time. From
that point forward, whenever... ..needs to enter product information as described above, and the system will
automatically create a **warranty** card, and transmit the card to the manufacturer electronically if possible, or
otherwise (inverted exclamation... ..and the home replacement value. Home replacement value is calculated based on
home size, home **configuration** (ranch, split level, two story, etc.), the home's external construction materials, the

home's... poured, basement brick, no basement, etc.), whether the home's basement is finished, the roof **configuration** (**number** of faces, **number** of edges, pitch, etc.), the home's roof materials (slate, shingle, composite, steel, tile, etc...) effect relationship to customer segments may be used to allocate costs. These operational variables include **number** of claims, **number** of calls, call duration, call complexity, **number** of policies, and other similar variables. Fixed costs that are directly related to customer support... such as corporate headquarters heating costs and electricity costs, are allocated in proportion to the **number** of customers in each segment. To the extent that multiple insurance product lines consume the... costs are then factored into the labor component of the replacement value equation. Home size, **configuration**, and materials data are combined to generate an estimate of the "materials" component of the... replacement values very precisely. Turning to dashed line box 3 of Fig. 11, a **computer** evaluates variances between currently stored pricing and the newly calculated pricing resulting from the algorithm... to the partner. The customer's experience with the merchant is synchronized via the partner **identification** and customer **identification** with the merchant's business infrastructure. The customer experience is coordinated on the "back end... encoding for inats and different data packets can be supported concurrently. Additionally, the system can be **configured** to use secure Hypertext Transfer Protocol (HTTP) over the public internet or use dedicated connectivity... formatted information exchange at both ends. The information typically includes the partner name, customer **identification** provided by the partner, and customer information. It detects whether the merchant connection is alive... Uniform Resource Locator (URL) referral. The user redirection should contain at least the customer **identification**, generated by the partner, to map the user being redirected to the information already mapped... that the merchant's website is not available, and providing a customer service representative telephone **number**. Whenever the merchant website is not available at the time a redirection is attempted, the... support twenty simultaneous connections from a particular partner. Partners should receive monthly reports detailing the **number** of leads reported from their websites to the merchant. Depending upon the business arrangements between... application. An illustrative error format would be: <?xml version="yes"?><Transaction><Header><ApplicationID>A123987456</ApplicationID><ReturnCode>222</ReturnCode></Header>-,@@/Transaction> where 222 is the error code and A123987456 is the partner-generated customer

- ID.** Upon the receipt of the error message, the partner's application will act...
 ...Header></Transaction> where 0 is the success code and A123987456 is the partner-generated customer **ID**. On receiving a successful acknowledgment, the partner's web server initiates the user redirection phase... the error and redirect the user to error pages, with a customer service representative's **number** for both the partner and the merchant. Referring now particularly to Fig. D, this implementation... illustrative error format is as follows: <?xml version="1.0" standalone="yes"?><Transaction><Header><ApplicationID>A123987456</ApplicationID><ReturnCode>222</ReturnCode><Header><Transaction> A time out error occurs when the connection... Transaction> where 0 is the success code and A123987456 is the partner-generated customer **ID**. The user session is already on the merchant's web server. The customer goes through... vehicle.
- 3 The method of claim 2 wherein the information includes the vehicle's vehicle **identification number** (VIN).
- 4 The method of claim 3 further including maintaining a data set containing, by VIN, a year of manufacture (year) of the vehicle, a manufacturer **identification** (make) of the vehicle, a model designation of the vehicle (model), and a body style... information includes transmitting information concerning a year of manufacture (year) of the vehicle, a manufacturer **identification** (make) of the vehicle, a model designation of the vehicle (model), and a body style... refund payment.
- 31 The method of claim 30 further including executing the document via a **digital signature**.
- 32 The method of claim 30 further including manually executing

the document.

33 The method...35 0 DL,

Password (4 to 13 Jettters and numbers -- must indude at least 1 **number**)customize coverages".Buyin r oi icy
Re-type password 3!--g-yp"Have the following...F-7 125@5 r- -li t1593 in@41 j @Driver's Ucense **number** Issuing
stateP@O-895 oic J 5rji 7Emall acidress (required for policy...Home r Business (7 BothPhone Fax (optional)FTT .
F@' [@ - F@@ sDriver's Ucense **number** Issuing state891W i 1 Fi z@].Email address (required for policy
holder)FWgehs@bVex... ..Your > Pay by Credit CardPurchaseYou're almost finished! Credit card Cre .dit card
number Expiration date,@'3 0 1Here's what lo expect. r MasterCard<@@ 11287456783276'71 F021... ..inverted
exclamation mark)HughesBilling acidresscitY State Zip codeJINDIANAPOLIS J IN 146220Phone **number**
(inverted question mark)t53 I SNote: Billing and renewal notices will be sent...
Valuo=-O'NoReOlateMeiiUShopoinclaiifflthopOIP9Replacement i zi,,Enter Policy andHClaim **Number** lo s,
opp!ng..@,@.con en :-:il tE Lookup Clalim5InformialiansLockup... ..Customer DataHandolf Package i 2
AcknovAegementEsuranceCustomer Esurance-5 -----Expenence InfrastructureSynchronizationPartner
IDCustomer **ID**Process6 ContinuesVF 13Parthet Location,Ic tion ervercustom ClientiServer App3...
...r*Mainn"dede<m<<d z,ti (inverted exclamation mark)>rn database omap Pmtneljvinilattion-id r:le
cor~ ffis to vendor---ix ansactiedd CL seprocen onmRecoodData4kkittfflet... ..h Y"walt litobtain n~*d y ee4wdteam
databimef~pwtnee firan~lan **Id**Cor~ the to y~proc ss en od Datailildcoetn*lev: pmtmjtan~jdl...

1/3K/19 (Item 6 from file: 349) [Links](#)

PCT FULLTEXT

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00803948

METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS

PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS

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| | Country | Number | Kind | Date |
|-------------|---------|-------------|-------|----------|
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| | US | 99465859 | | 19991217 |
| | US | 2000483105 | | 20000114 |
| | US | 2000599690 | | 20000622 |
| | US | 2000641908 | | 20000818 |
| | US | 2000695744 | | 20001024 |

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Detailed Description:

...GE, GIL GM, 11R, For two-letter codes and other abbreviations, refer to the "GuidHIJ, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, ance Notes on... ..an Internetbased product information database subsystem which, for each commercially available consumer-product, stores a **number** of information elements including: the name of the manufacturer; the Universal Product Code (UPC) assigned...a predesignated information resource pertaining to any commercial product having been assigned a Universal Product **Number** (UPN) can be accessed from the Internet and displayed from the Internet browser by simply...Registration Mode, in which the physical CPI kiosk is ready to be programmed with manufacturer **identification** numbers (MINs) against the physical CPI kiosk s **identification number**; and (2) the retailer reading the UPC symbol labels on different brands of consumer products ...system, wherein the InternetBased Consumer Product Promotion Marketing, Programming, Management And Delivery Subsystem supports a **number** of information services fo r promoters, namely: Registration of Promoter/Creation of Promotion Account; Log... ..promotion spot marketing/sales/management web server, in which the request includes the promoter s **identification number**; (2) receiving and parsing this directory request to determine the promoter's **identification number**; (3) using the data tables of the UPN/TM/PDAJRL RDBMS and the promoter's **identification number** to determine the list of manufacturers (by their MINs) who have retained the identified promoterseveral factors, such as for example: (1) the amount of "consumer-activity" (i.e. the **number** of consumer product information requests made/placed) at the particular kiosk over, for example, the... ..higher promotion fees associated with promotion slots maintained in its promotion queue; and (2) the **number** of product promotion campaigns created and scheduled to run (on a given day) within a... several factors, such as for example: (1) the amount of "consumer-activity" (i.e. the **number** of consumer product information requests made/placed) at the particular kiosk over, for example, the... ..higher advertising fees associated with advertising slots maintained in its advertising queue; and (2) the **number** of product advertising campaigns created and scheduled to run (on a given day) within a... ..products to be covered in the kiosk promotion directory, and the (H) the promoter's **identification number**; (2) receiving and parsing this directory request to determine the trademark(s) of products to be covered in the kiosk promotion directory, and also the promotion **identification number**; (3) using the data tables in the UPN/TM/PDIURL RDBMS and the promotion **identification number** to which consumer products carry such trademarks (i.e. brand names) and also the UPNs...several factors, such as for example: (1) the amount of "consumer-activity" (i.e. the **number** of consumer product information requests made/placed) at the particular kiosk over, for example, the... ..higher advertising fees associated with advertising slots maintained in its advertising queue; and (2) the **number** of product advertising campaigns created and scheduled to run (on a given day) within a...

Claims:

...embedded within HTML-encoded documents served to the client machine from any one of a **number** of potential http information servers on the Internet. Fig. 2132 is a block schematic diagram... embedded within HTML-encoded documents served to the client machine from any one of a **number** of potential http information servers on the Internet. Fig. 2133 is a block schematic... embedded within HTML-encoded documents served to the client machine from any one of a **number** of potential http information servers on the Internet. Fig. 2B4 is a block schematic diagram... different types of multi-media consumer product related information, as well as the Universal-Product-**Number** /trademark/productdescriptor/Universal-Resource-Locator (UPN/TM/PD/TJRL) links based on the type of... TMi) registered by the associated Company, E-Mail Address (EMAj) thereof symbolically-linked for a **number** of exemplary Non-IPI registrants listed within the Non-IPI Registrant Database maintained by each... 13 hereof will preferably have a three-field Netscape-style display framework which provides a **unique** and effective way of satisfactorily addressing the needs of consumers, hosting retailers, manufacturers and the... Server I I is interfaced with an ISP 10A in a conventional manner. The actual **number** of IPD Servers II used in any particular application will depend on various factors including... conventional manner. Each such IPI Server 12 is assigned a static IP address and a **unique** domain name on the Internet. Each IPI Server 12 is also provided with (i) Web... conventional manner. Each such client subsystem may be assigned a static IP address and a **unique** domain name on the Internet, or one may be dynamically assigned thereto by way of... displayed thereon in response to the entry of the UPC numbers scanned into the UPC **Number** Entry Window 21D below the IPI Finder button 21A of Control Strip 20B displayed on... keyboard 61 B, and a price/UPC Database 61 C containing price and UPC **number** information tables; a Web-enabled computer terminal 62 connecting the POS station 61 to the... digital communication technology (e.g. RF-based

Page I 10I I I aged31soq id sauqvuopunj oums Dip 6AIqlnofq -UOIIUQAUI luosaidposTq-qoAk DIP UT.q)A*t PDp!AO... opoo iuq u JO uuoj Dip u! pazilpai aq osle Am f I UOTIUOAUI ju=) id oql JO walsxs j;)Indtuoo juatlo aq) 'DAoqvulolz)q quoj IDS UOIIU;)AUI JU0SQJj... However, Web-based the product promotion kiosk of Figs. 3A19C and 3A19D also includes a **number** of important intelligence functionalities which makes it particular well suited for product advertising and promotion... more (pairs of) fi-ames perPage 122second to collect accurate information about the **number** of eyes gazing at the displayed advertisements, within the field of view of the kiosk... kiosk, and eventually be compared against the eye-tracking data recorded thereon to determine the **number** of eyes which gazed at each product advertisement/promotion displayed on each product promotion kiosk... for stori

ng information (e.g. numeric or alphanumeric string) representative of the Universal Product **Number** (e.g. twelve-digit UPC Version A **number**, eight-digit UPC Version E **number**, thirteen-digit UPC/EAN **number**, orPage 123twelve-digit UPC Version A **number** plus five-digit Add-On Code Segment **number** frequently used in the publishing industry) assigned to the consumer product; a Company Name Information...the bars and spaces of the UPC label itself), comprises: (i) a six digit manufacturer **number** assigned to the manufacturer by the Uniform Code Council, Inc. (UCC) of Dayton, Ohio, and consisting of a one digit **number** system **number** and a five digit manufacturer code; (ii) a five digit product **number** assigned to the product by the manufacturer; and (iii) a one digit modulo check digit (mathematically calculated) and added to each UPC **number** to check that the code has been read correctly by the bar code symbol reader... subsystem, the URL Information Field of the IPI Database shown in Fig. 4AI contains a **number** of information subfields. As shown in Fig. 4A2, these information subfields comprise: a Product Advertisement... models. Ideally, such video recordings, linked to particular articles of wearing apparel by their UPC **number**, can be used to extend and augment the advertising campaign being carried out in other... Field for storing information (e.g. numeric or alphanumeric string) representative of the Universal Product **Number** (e.g. a UPC **number** from a UPC numbering system, or an EAN numbering system) assigned to the non-registered... the Non-IPI Registrant Database shown in Fig. 4B can be readily obtained from a **number** of commercially or publicly available information sources (e.g., the Universal Code Council, Inc., Dayton... of the IPI Finding and Serving

Subsystem 2 hereof depends in large part on the **number** of consumer-products registered with the IPI and Non-IPI Registrant Databases supported within the... each and every the manufacturer having been issued, for example, a six digit UPC Manufacturer **Identification Number** (MIN) by the UCC, Inc. Such electronic documents can be transmitted using conventional MIME protocols... the administrator of the IPI Registrant Database (for each of its consumer products) its UPC **number** and a menu of categorized URLs indicating the location of the information resources identified in... ftp, EDI or XML/ICE) described hereinabove. According to a fourth database construction technique, a **number** of commercial online Internet search engines, such as AltaVista", Yahoo", WebCrawler", Lycos", Excite", as well... of manufacturers of UPClabeled products. Such information items include: (1) the six digit UPC Manufacturer **Identification Numbers** encoded in the UPC symbols (and numbers) applied to the products of such UCC... manufacturers. The first step of this database construction method involves obtaining the six digit Manufacturer **Identification Numbers** (MINs) uniquely issued to manufacturers by the Uniform Code Council, Inc. of Dayton, Ohio... Quick Response Services, Inc.), as well as the UCC. At present, about 180,000 Manufacturers **Identification Numbers** have been issued to manufacturers by the UCC. A string of six zeros (i... may be added to each one of these 180,000 or so six digit Manufacturer **Identification Numbers** in order to produce 180,000 or so 12 digit numbers (i.e. hereinafter... so manufacturers listed in the IPI Registrant Database under construction. As each such Manufacturer Reference **Number** has the same length as a UPC **number** of its manufacturer, this **number** can be conveniently thought of as the Manufacturer Reference UPC

Number which can be stored in the UPN Information Field of the Database along with the... Page 133 As shown in Fig. 2B 1, the Java Web Server II includes a **number** of software components including the Java Servlet API which comprises several Java interfaces and fully... authoring the source code for the Applet, the CPIR-enabling Java servlet is ascribed a **unique** name such as, for example, "UPNXXXXXXXXYYYYYZ" for a 12 digit Uniform Product Code. Reference can... a new servlet, the following procedure is performed: Enter in the Servlet Name field, the **unique** name for the CPIR-enabling Java servlet one is loading onto the Java Web Server... Block B3 in Fig. 4E1, the fifth step of the method involves (1) embodying the **unique** URL, created for each consumer product, within a CPIR-enabling servlet HTML tag <SERVLET>; (2... AsymmetricCipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (**D**igital **S**ignature **A**lgorithm) keys as defined in NIST's FIPS(30) -java.securily.spec: Provides classes and classes (a string tokenizer, a random- **number** generator, and a bit array). (34) java.util.jar : Provides classes for reading and writing... authoring the source code for the CPIR-enabling Java Applet, the Applet is ascribed a **unique** name such as, for example, "UPNXXXXXXXXYYYYYZ" for a 12 digit Uniform Product Code. As indicated... a particular company in which a consumer is considering buying, keeping or selling a particular **number** of financial securities. Also, while conducting such on-line CPI research, the consumer may also... Registration Form is presented (i.e. displayed) and the manufacturer then enter s some requested **identification**

information (e.g. Manufacturer s Company Name, Address, Name of CEO and President, phone **number**, 6-digit Manufacturer **Identification Number** assigned by the UCC, etc.) and presses the Send button on the Manufacturer Registration Form... only to the manufacturer s products. Thus, when the manufacturer attempts to enter a UPC **number** into the manufacturer s UPN/TM/PD/URL database that does not contain the 6-digit Manufacturer **Identification Number** assigned to the manufacturer by the UCC, the RDBMS automatically blocks all such information entries... manufacturer (i.e. using UPC numbers not containing the manufacturer s 6-digit UCC Manufacturer **Identification Number**), the limited version of the UPN/TM/PD/URL database will automatically display an HTML-encoded message... below, this UPN/TM/PD/URL data linking function can be realized in a **number** of different ways. One way of realizing this UPN/TM/PD/URL linking function is... use any HTML format commands, such as headers, paragraphs, and lists, but must include three **unique** items, namely: the METHOD by which the user input is to be sent; the ACTION... Internet via HTTP. In the illustrative embodiment, user input (i.e. a UPC or EAN **number** associated with a particular consumer product) is obtained by an Input Box, which allows the... Internet and containing information relating to the consumer product having the input UPC or EAN

number. The result returned from the RDBMS 9 is an ASCII record specifying the set... and containing information relating to the consumer product having the input UPC or EAN **number** entered into the HTML form. In order for the Web browser of the requesting client... use any HTML format commands, such as headers, paragraphs, and lists, but must include three **unique** items, namely: the METHOD by which the user input is to be sent; the ACTION... Internet via HTTP. In the illustrative embodiment, user input (i.e. a UPC or EAN **number** associated with a particular consumer product) is obtained by an Input Box, which allows the... retail sales clerk or consumer) to type in or scan in a UPC or EAN **number** assigned to a consumer product on which product related information is sought. Page 190 Page... use any HTML format commands, such as headers, paragraphs, and lists, but must include three **unique** items, namely: the METHOD by which the user input is to be sent; the ACTION... an Input Box listing all triplet data sets (i.e. Product Description, Manufacturers and UPN **number**) satisfying the input trademark search criteria entered in the primary Web input document, described hereinabove... includes an Input Box listing all triplet data sets (i.e. Trademark, Manufacturer, and UPN **number**) satisfying the input product-description search criteria entered in the primary Web input document, described... Such information resources can include advertisements, specifications, operation descriptions, product simulations, purchase information, maintenance information, **warranty** and servicing information, product updates, distributor/reseller information, incentives (e.g. discounts, rebates, coupons, etc... using the seeded IPI Database described hereinabove, only the first six digits of the UPC **number** need be entered into the dialogue box. An exemplary display screen produced from the IRD... client subsystem 13. Such information resources can include advertisements, specifications, operation descriptions, product simulations, product **upgrade** information, purchase information, maintenance information, **warranty** and servicing information, etc. In this mode, desired product information is obtained by simply entering... "BRANDKEY REQUEST" Universal Product Information Finding and Serving System. Simply enter the 12 digit UPC **number** of the particular product, click REQUEST, and select from the displayed menu of Web locators... find the desired product information on the WWW. If you do not know the UPC **number** associated with the product you are looking for, then simply enter the trademark used... using voice recognition command technology embodied within the kiosk; by reading a bar coded consumer **identification** card 150, as shown in Fig. 3A I OB, having the consumer's e-mail address and possibly other information items (e.g. shopper/consumer **identification number**, credit card information, name, address and/or status within a particular loyalty/courtesy program encoded therewithin if desired; or, by reading a magnetic-stripe type consumer **identification** card 150 encoded with the same or similar information using a magnetic stripe reader 46... being displayed on the display screen of the kiosk. Typically, there will be a maximum **number** of documents to be attached to the CPI-enabling envelope using present e-mail protocols at 6 understood, however, that a larger **number** of documents may be transportable within a single e-mail envelope using future 3-mail... by the kiosk itself-, using voice recognition command technology; by reading a bar coded consumer **identification** card 150, as shown in Fig. 3A10B, having the consumer's e-mail address and possibly other information items (e.g. shopper/consumer **identification number**, credit card information, name, address, and/or status within a particular retailer loyalty/country program) encoded therewithin if desired; or by reading a magnetic-stripe type consumer **identification** card 150 encoded with the same or similar information using a magnetic stripe reader 46... Within the realm of the BRANDKEY " System 2, the function of the Web-enabled client **computer** system 13 of each consumer, wherever it may be located (e.g. at home, in... Website which is freely served over the Internet to any consumer having a Web-enabled **computer** system. Unlike each BRANDKEY REQUEST RETAIL Website maintained by the BRANDKEY REQUEST" RDBMS 9, the... the WWW Home Page of any registered manufacturer by entering the UPN (or UPC/EAN **number**) on any product into the search screen served up by a particular BRANDKEY REQUEST" Retailer... on the Internet (e.g. WWW). In such application environments, the UPN can be any **unique number** assigned to the information-carrying product embodied 'in any physical medium. In general, each UPN... such as a bar code symbol structure, associated 'h the information-carrying product. Preferably, each **unique** UPN will be assigned to the within information-carrying product by a source of an... Figs. 2EI, each content section in the Web-based document is assigned a Universal Product **Number** (UPN) (i.e. UPN-encoded bar code... URL. Likewise, each advertising section in the Web-based document

is assigned a Universal Product **Number** (UPN) which is symbolically linked or related to a particular advertising section on the corresponding... a particular manufacturer or retailer or working as an advertising agent therefor) to perform a **number** of functions, namely: (1) register with the system 2% (2) log onto the Kiosk Advertisement... ..a particular retailer or manufacturer or working as an promotional agent therefor) to perform a **number** of functions, namely: (1) register with system 2 ; (2) log onto the CPI KioskPromotion...CPI) Link Creation, Management and Transport (LCMT) Subsystem 501 of the illustrative embodiment comprises a **number** of system components, namely: a web-based manufacturer registration and UPN/TM/PD/TJRL link ...Product Information (CPI) Kiosk Configuration, Deployment, Management and Access Subsystem 504 is realized by a **number** of system components, namely: UPN/TM/PD/URL RDBMS 9 ; a plurality of mirrored Physical...the RDBMS table entitled MANUFACTURER in the illustrative embodiment of the present invention, comprises a **number** of primary information fields, namely: Company (Manufacturer's) Name; Street Address; City; State; Postal Code; County; MIN Assigned by UCC/EAN; URL of Manufacturer s WWW Site; Phone **Number**; Email Address; Fax **Number**; Standard Industry Codes (SIC) assigned to the products produced and/or sold by the manufacturer... ..for EDI B213; UPC Service Bureau Employed; UPC Service Bureau Contact; UPC Service Bureau Phone **Number**; UPC Service Bureau E-Mail; EDI Vendor Employed; EDI Vendor Contact Person; EDI Vendor Phone **Number**; EDI Vendor EMail Address; EDI Service Bureau Employed; EDI Service Contact; EDI Service Bureau Phone **Number** EDI Service Bureau E-Mail;

Number of UPC/TM/PD/URL SW Licenses; UPN/TM/PD/URL Management SW License Total; Total **Number** of UPC Numbers; Date of UPC **Number** Accounting; Annual UPC/TM/PD/URL Management SW Fee Due; Date of UPC/TM/PD... ..the illustrative embodiment of the present invention, comprises primary information fields, namely: Consumer Name; Consumer **ID** No.; E-Mail Address; Street Address; City; State; Postal Code; Phone **Number**; Shopped at Retail Store **ID** Nos.; Shopped at Retailer Store **ID** No.; Consumer Index 1; Consumer Index 2; . ; Consumer Index N; Credit Card Nos.; and Date... ..information on consumers who register with the system, such as e-mail address, assigned consumer **identification number(s)**, retail locations at which the consumer shops as well as various consumer indices which... ..primary information fields, namely: Advertiser Name; Street Address; City; State; Postal Code; Contact Person; Phone **Number**; E-Mail Address; Fax **Number**; Advertiser **ID** No.; Ad Agent for Manufacturer #1; Ad Agent for Manufacturer #2; ; Ad Agent for Manufacturer... ..Agent for Retailer #1; Ad Agent for Retailer #2; ; Ad Agent for Retailer #N; Total **Number** of Retailer Agency Relations; URL for Advertiser WWW Site; Advertiser Network Acct. No.; Advertiser Networkprimary information fields, namely: Promoter Name; Street Address; City; State; Postal Code; Contact Person; Phone **Number**; E-Mail Address; Fax **Number**; Promoter **ID** No.; Promotion Agent for Manufacturer #1; Promotion Agent for Manufacturer #2; ; Promotion Agent for Manufacturer #N; Total **Number** of Manufacturer Agency Relations; Promotion Agent for Retailer #1; Promotion Agent forPage 242Retailer #2; ; Promotion Agent for Retailer ftN; Total **Number** of Retailer Agency Relations; URL for Promoter WVIW Site; Promoter Network Acct. No.; Promoter Network...in the illustrative embodiment of the present invention comprises primary information fields, namely: Physical Kiosk **ID** No.; Retail P-Store **ID** No.; Physical Kiosk HTTP Server URL; Assigned Static IP Address; P-Kiosk Aisle/Shelf Location... ..STORE in the illustrative embodiment of the present invention comprises primary information fields, namely: Retailer **ID** No.; Address; City; State; Postal Code; Country; Retail P-store **ID** No.; Store Manager Identity; Store Manager Phone; Store Manager E-Mail; Regional Manager Identity; Regional Manager Phone; Regional Manager E-Mail; **Number** of Store Aisles; **Number** of Floors; Floor Plan Diagrams; Product Category/Shelf Maps; Available Internet Connectivity; Retailer/Manufacturer Relations... ..information fields, namely: Physical Kiosk http Server URL; Physical Kiosk http Server Log; Physical Kiosk **ID** No.; and Date of Last Record Update. This data table maintains information on each physicalKIOSK CATALOG in the illustrative embodiment comprises primary information fields, namely:Page 244Retail-Store **ID** No.; Physical Kiosk **ID** No. 1; Physical Kiosk **ID** No. 2; ; Physical Kiosk **ID** No. N; Total # of Physical Kiosks; and Date of Last Record Update. This data table... ..by each registered retailer is referred to as a "physical kiosk catalog". Notably, as the **number** and type of CPI kiosks

deployed by a particular retailer will change over time in... in the illustrative embodiment of the present invention comprises primary information fields, namely: Physical Kiosk **ID No.**; Physical Kiosk E-Mail Log; and Date of Last Record Update. This data table... the present invention comprises primary information fields, namely: Date(s) of Activity Measurement; Physical Kiosk **ID No.**; **Number** of HTML Pages Accessed; **Number** of BrandKey Requests at Kiosk; different HTML Pages Served-Up; Outgoing E-Mail Transmissions; System Mode Transitions; ECommerce Transactions Made; **Number** of BrandKey Requests at Kiosk; and Date of Last Record Update. This data table maintains... **AD SPOT ORDER--VIRTUALKIOSK** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: UPN of Advertised Product; Virtual Kiosk **ID No.**; Scheduled Date of Ad Spot; Advertiser Placing Order; Date of Ad Spot Order; Advertiser **ID No.**; Cost of Ad Spot; URL of Advertisement Spot; Time Duration of Ad Spot; Copyright Owner of Advertisement; Ordered **Number** of Displays/Date; File Format of Advertisement; Virtual Kiosk Ad Spot **ID No.**; Actual **Number** of Displays/Date; Actual **Number** of Interruptions; Ad Spot Cost; Date of Ad Payment; and Date of Last Record Update... **AD SPOT ORDER--PHYSICALKIOSK** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: UPN of Advertised Product; Physical Kiosk **ID No.**; Scheduled Date of Ad Spot; Advertiser Placing Order; Date of Ad Spot; Advertiser **ID No.**; Cost of Ad Spot; URL of Advertisement Spot; Time Duration of Ad Spot; Copyright Owner of Advertisement; Ordered **Number** of Displays/Date; File Format of Advertisement; Physical Kiosk Ad Spot **ID No.**; Actual **number** of Displays/Date; Actual **Number** of Interruptions; Ad Spot Cost; Date of Ad Payment; and Date of Last Effective Change... **ORDER--PHYSICAL KIOSK**, showing its primary information fields, namely: UPN of Promoted Product; Physical Kiosk **ID No.**; Scheduled Date of Promotion Spot; Promoter Placing Order; Date of Promotion Spot Order; Promoter **ID No.**; URL of Promotional Ad in DF 1; Promotional Message in DF2; Promotional Message in... Promotional Message in DF4; Time Duration of Promotion Spot; Copyright Owner of Promotion Ad; Ordered **Number** of Displays/Date; File Format of Promotional Ad; Physical Kiosk Promotion Spot **ID No.**; Actual **Number** of Displays/Date; Actual **Number** of Interruptions; Cost of Promotion Spot; promo spot Payment; Date of Promotion Spot Payment; and... table entitled **CPIR-ENABLING APPLLET** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: **CPIR-Enabling Applet ID No.**; Type of **CPIR-Enabling Applet**; URL of **CPIR-Enabling Applet BC**; Virtual Kiosk **ID No.**; Virtual Kiosk Server Log; and Date of Last Record Update. This data table maintains... table entitled **RETAILER E-STORE** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Retailer **ID No.**; Address; City; State; Postal Code; Country; Retail E-Store **ID No.**; E-Store Manager Identity; E-Store Manager Phone; E-store Manager E-Mail; E... **PROMO SPOT ORDER--VIRTUAL KIOSK** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: UPN of Promoted Product; Virtual Kiosk **ID No.**; Scheduled Date of Promotion Spot; Promoter Placing Order; Date of Promotion spot Order; Promoter **ID No.**; URL of Promotional Ad in DF I; Promotional Message in DF2; Promotional Message in... Promotional Message in DF4; Time Duration of Promotion Spot; Copyright Owner of Promotion Ad; Ordered **Number** of Displays/Date; File format of Promotional Ad; Virtual Kiosk Promotion spot **ID No.**; Actual **Number** of Displays/Date; Page 249 Actual **Number** of Interruptions; Cost of Promotion Spot; Promotion Cost Payment; Date of Promotion Payment; and Date... entitled **VIRTUAL KIOSK PROMOCAMPAIGN** in the illustrative embodiment of the present invention comprises a **number** of information fields, namely: Virtual Kiosk **ID No.**; Date of Promotion Campaign; primary in Virtual Kiosk Promotion Spot **ID No. 1**; ... ; Virtual Kiosk Promotion Spot **ID No. N**; Total Promotion Spots Ordered; and Date of Last Record Update. This data table... entitled **VIRTUAL KIOSK ADCAMPAIGN** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Virtual Kiosk **ID No.**; Date of Ad Campaign; Virtual Kiosk Ad Spot **ID No. 1**; Virtual Kiosk Ad Spot **ID No. 2**; ... ; Virtual Kiosk Ad Spot No. **N**; Total Ad spots Ordered on Kiosk; Effective... **AD CR-EDIT--PHYSICAL KIOSK** in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Advertiser **ID No.**; Physical Kiosk **ID No.**; Physical Kiosk Ad Spot **ID No.**; UPN of Advertised Product; URL of Interrupted Ad; Date of Interruption; Time of Interruption... entitled **AD**

CREDIT-VIRTUAL KIOSK in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Advertiser **ID** No.; Virtual Kiosk **ID** No.; Virtual Kiosk Ad spot **ID** No.; URL of Advertised Product; URL of Interrupted Ad; Date of Interruption; Time of Interruption... ..kiosk, which did not run/execute thereon due to, for example, the fact that the **number** of ad and/or promo spot orders put into the particular virtual kiosk's ad...to mitigate this problem, the present invention teaches enforcing/scetting an upper limit on the **number** of ad and promo spots which can be placed on a virtual or physical kiosk... ..iii) as input to the algorithm. The output of the algorithm will be the total **number** of ad spot orders and total **number** of promo spot orders that can be put into the ad/promo spot queue 525 of the kiosk server 513 assigned to the kiosk. Such algorithms will minimize the **number** of credits issued to advertisers requesting service on a given multimode CPI kiosk of the... ..entitled PROM CREDIT--PHYSICALKIOSK in the illustrative embodiment of the present invention compfises a **number** of primary information fields, namely: Advertiser **ID** No.; Physical Kiosk **ID** No.; Physical kiosk Promotion spot **ID** No.; UPN of Advertised Product; URL of Interrupted Promotion; Date of Interruption; Time of Interruption... ..entitled PROMO CREDIT--VIRTUALKIOSK in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Advertiser **Identification** No.; Virtual Kiosk **ID** No.; Physical Kiosk Promotion Spot **ID** No.; UPN of Advertised Product; URL of Interrupted Promotion; Date of Interruption; Time of Interruption... ..entitled PURCHASE AT PHYSICALSTORE in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Retailer

ID No.; Retail P-Store **ID** No.; UPN of Product Sold; Date of Product Sale; Time of Product Sale; Price of Sold Product; Customer **ID** No.; Credit Card No.; Retailer s Discount; URL of Promotion Advertisement; and Date of Last...entitled PURCHASE AT E-STORE in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Retailer **ID** No.; Retail E-Store **ID** No.; UPN of Product Sold; Date of Product Sale; Time of Product Sale; Price of Sold Product; Customer **ID** No.; Credit Card No.; Retailer s Promotion Discount; Manufacturer s Promotion discount; URL of Promotion... ..entitled RETAILER/E-STORERELATON in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: Retail E-Store **ID** No.; Manufacturer #1 **ID** No. (e.g. MIN); Manufacturer #2 **ID** No.; Manufacturer #N **ID** No.; Total # Manufacturer Relationships; and Date of Last Record Update. This data table maintains important... ..table entitled AISLE/SHELF RIGHTS in the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: P-Kiosk Aisle/Shelf Location; MIN of Manufacturer #1; MIN... ..E-STORE WEB-PAGE RIGHTSin the illustrative embodiment of the present invention comprises a **number** of primary information fields, namely: E-Store Web-Page Location; MIN of Manufacturer #1; MIN... ..UPN/TM/PDIURL LCMT server 505 associated with the CPI LCMT subsystem 501 supports a **number** of modes of information service for manufacturers (i.e. vendors) and their agents, namely: Registering... ..database updating operations; and Approved By Whom data field 551 for displaying the name and **identification** code of the authorized user who last modified or bmnported the particular UPN/TM/PDIURL... understood, however,Page 259Page 260. As shown in Fig. 18A, GUI 552A comprises a **number** of display structures namely: a scalable window-style framework 553 having a toolbar menu 554... ..the CPI kioskordering/configuration/deployment/management server 506 of the illustrative embodiment supports a **number** of information services for retailers, namely: Registering Retailer and Creating a Retailer Account; Logging-into... ..kioskordering/configuration/deployment/management server 506 of the illustrative subsystem embodiment 505 supports a **number** of information services for manufacturers, namely: Registering Manufacturer and Creating a Manufacturer Account; Logging-into... ..above. The encapsulated CPIR-enabling Applet tag is then downloaded using any one of a **number** of techniques described above. Thereafter, the Applet tag is embedded within the HTML-code of... ..Kiosk Configuration, Deployment, Management and Access Subsystem 504 of the illustrative embodiment also supports a **number** of information services for consumers, namely: Accessing links to consumer product information (CPI) Using UPNs... ..uses the data tables in the UPN/TM/PD/URL RDBMS and the advertiser's

identification number to which consumer products carry such trademarks (i.e. brand names) and also the UPNs...
...to enable the construction of a registered kiosk advertising campaign, which will be assigned a **unique Kiosk Advertising Campaign Number**. Notably, each multi-media advertisement spot ordered to run in a particular advertisement campaign can... several factors, such as for example: (1) the amount of "consumer-activity" (i.e. the **number** of consumer product information requests made/placed) at the particular kiosk over, for example, the...higher advertising fees associated with advertising slots maintained in its advertising queue; and (2) the **number** of product advertising campaigns created and scheduled to run (on a given day) within a...driven CPI kiosk will be given the option to reserve (i.e. purchase) a particular **number** of product advertising/promotion slots on each CPI kiosk 513 deployed within its retail stores...Product Promotion Marketing, Programming, Management And Delivery Subsystem 503 of the illustrative embodiments supports a **number** of information services for promoters, namely: Registering Promoter and Creating a Promotion Account; Logging-into...through 38B, a request for a general kiosk promotion directory will include the promoter's **identification number**. The displayed directory includes only (physical and virtual) kiosks on which the registered promoter is...kiosk 513 will be based on several factors, as well, such as for example: the **number** of product promotion campaigns created and scheduled to run (on a given day) within a...understood that at present, few (if any) services have been assigned a UPC (or EAN) **number** in the manner that nearly all consumer products have been assigned in the contemporary period...and labeling printed and graphical brochures and advertisements with such universal numbers, will provide a **number** of new opportunities hitherto unavailable. In particular, service-related information could be easily found (i...being identified. An example of such USC labeling would be printing an assigned UPC label (**number**) on: admission tickets to a theatrical, dramatic or musical performance and/or its playbill; admission...each said manufacturer operated/managed client computer subsystem, a graphical user interface (GUI) which comprises a **number** of display structures selected from the group consisting of: a window style framework having a toolbar...accessed from the UPN/TM/PD/URL RDBMS, and wherein said kiosk GUI comprises a **number** of display structures selected from the group consisting of: a scalable window-style framework having...Management Web server; (2) receiving and parsing this directory request to determine the advertiser's **identification number**; (3) using the data tables of said central UPN/TM/PD[URL RDBMS and the advertiser's **identification number** to determine the list of manufacturers (by their MINs) who have retained the identified advertiser...products to be covered in the kiosk advertising directory, and the (ii) the advertiser's **identification number**; (2) receiving and parsing this directory request to determine the trademark(s) of products to be covered in the kiosk advertising directory, and also the advertiser's **identification number**; (3) using the data tables in said central UPN/TM/PD[URL RDBMS and the advertiser's **identification number** to which consumerPage 313. The Internet-based consumer product marketing, merchandising and education/information...

1/3K/20 (Item 7 from file: 349) [Links](#)
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00779642

IMPROVED BUSINESS SYSTEMS
SYSTEMES COMMERCIAUX AMELIORES

Patent Applicant/Inventor:

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| | Country | Number | Kind | Date |
|-------------|---------|-------------|------|----------|
| Patent | WO | 200113216 | A1 | 20010222 |
| Application | WO | 2000US22406 | | 20000815 |
| Priorities | US | 99375451 | | 19990817 |
| | US | 2000506718 | | 20000218 |
| | US | 2000637293 | | 20000808 |

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

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GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

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UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English
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French Abstract:

...prix, le procede comprenant les etapes suivantes: enregistrement du premier prix et des informations d'**identification** du consommateur (114); surveillance des prix de vente de l'objet pendant une periode predeterminee... ordinateur central (252), l'ordinateur central (252) enregistrant le premier prix et les informations d'**identification** du consommateur (114) et l'ordinateur central (252) prenant en charge la surveillance.

Detailed Description:

...object of at least certain preferred

embodiments of the present invention to provide.

New, useful, **unique**, efficient, nonobvious systems and methods for providing direct electronic consumer/vendor contact for business transactions via a system such as the Internet global communications system;

New, useful, **unique**, efficient, nonobvious systems and methods for providing to a consumer guaranteed best pricing for a...pertinent geographic area for the consumer (e.g. but not limited to, based on phone **number**, zip code, and/or information inputted by a consumer); means for displaying for the consumer... ..area based on information about a consumer, e.g.

but not limited to a phone **number** used by the consumer to contact the host system; wherein the information about the consumer includes a phone **number** used by the consumer to contact the host system and/or a zip code of...including any method in any of these listed patents plus one or some (in any **number** and in any possible combination) of the elements of the present invention, including, but not... ..area for providing a warranty to the consumer.

- for alerting the consumer to possible warranties, **warranty** extensions, and/or **warranty** renewals, and/or

- for the consumer to apply for such a **warranty**, **warranty** extension, and/or **warranty** renewal

Improved Versions of U.S. 6FO14,634

The present invention, in certain aspects provides...method

17

of the patent guaranteeing a best price according to the present invention; a **computer** implemented method for determining purchasing incentives for consumers, including the steps of: storing in a purchase history database product data for products purchased in association with a **unique** identifier, transmitting a prompt for personal information from a main **computer** to a personal **computer** over a **computer** network, transmitting personal information data from said personal **computer** to said main **computer** over said **computer** network in response to said prompt, said personal information data including an identity code, generating page data defining a personal web page that is accessible over said **computer** network, said personal web page based at least in part on said personal information data transmitted from said personal **computer** to said main **computer**, assigning a web page address to said personal web page based upon said personal information... ..U.S. Patent 6,014,634) for

providing purchasing incentives to consumers, including a main **computer** having a purchase history database for storing product data for products purchased in association with a **unique** identifier and a personal page database, a **computer** network, at least one personal **computer** coupled to said main **computer** via said **computer** network, said main **computer configured** to transmit a prompt for personal information to said at least one personal **computer** over said **computer** network, said at least one personal **computer configured** to transmit personal information data from to said main **computer** over said **computer** network in response to said prompt, said main **computer configured** to generate page data defining a personal web page that is accessible over said **computer** network, said personal web page based at least in part on said personal information data transmitted from said at least one personal **computer** to said main **computer**, said main **computer configured** to assign a web page address to said personal web page based upon said personal information data, said main **computer configured** to store said page data defining said personal web page in said personal page database, said main **computer configured** to determine a purchase incentive depending on (1) said product data stored in said purchase history database or (2) said page data stored in said personal page database, said main **computer configured** to update said page data so that said personal web page will display said

19

purchase incentive, and the main **computer configured** to carry out the steps of the guaranteeing of the best price for the purchased products; a **computer** program product including a **computer** storage medium having a **computer** program therein for providing purchasing incentives to consumers, said **computer** program performing the steps of storing in a purchase history database product data for products purchased in association with a **unique** identifier, transmitting a prompt for personal information from a main **computer** to a personal **computer** over a **computer** network, transmitting personal information data from said personal **computer** to said main **computer** over said **computer** network in response to said prompt, generating page data defining a personal web page that is accessible over said **computer** network, said personal web page based at least in part on said personal information data transmitted from said personal **computer** to said main **computer**, assigning a web page address to said personal web page based upon said personal information... incentive, and the steps of guaranteeing of the best price for the purchased products;

a **computer** implemented method for generating a web page said method including the steps of transmitting a prompt for personal information from a main **computer** to a personal **computer** over a **computer** network, transmitting personal information data from said personal **computer** to said main **computer** over said **computer** network in response to said prompt, generating page data defining a web page based upon... ..incentive, and the steps of guaranteeing the best price for the purchased products; and a **computer** implemented method for generating a web page, said method including the steps of transmitting a prompt for personal information from a main **computer** to a personal **computer** over a **computer** network, transmitting personal information data from said personal **computer** to said main **computer** over said **computer** network in response to said prompt, generating page data defining a web page based upon... ..card account issued by the card issuer, the method including assigning each participant a membership **number** wherein the membership **number** is associated with the particular participant's transaction card account,

21

providing a computerized discount... ..their associated transaction card accounts and transaction card issuers, presenting, by the participant, the membership **number** to an authorized merchant for a transaction, issuing a first discount authorization request from said... ..wherein the first discount authorization request includes transaction data comprising the particular participant's membership **number** and an amount for the transaction, correlating the membership **number** to its associated transaction card account and transaction card issuer, issuing a second discount authorization...of receiving and storing in a first database data for the first price with a **unique** identifier identifying the consumer, receiving and storing

30

in a second database at least one...implementation of an abstract, object-oriented Cashier Component to process payment requests by employing a **number** of replaceable software components or tools in a framework; b) generating an implementation of an...toward the bill with the consumer account. The remittance information 26 usually includes an account **number**, an account balance, an amount due, the date due, and any additional data that the... ..payment information on the remittance stub 26, such as amount paid, payment date, and account **number** (if not already on the stub). The consumer 28 encloses the stub 26 and check... the consumer bank account 52 to the BPSP bank 48.

37

At this point, a **number** of different options can be taken to transfer payment from the BPSP bank 48 to... bill 104 by U.S. mail or email (step 1). The bill 104 includes a **unique** biller reference **number** (BRN). To pay the bill 104, the consumer 94 transmits to consumer bank 98 a... source of funds, a date on which to make the payment, the consumer's account **number** with biller, and the biller's BRN (step 2).

The consumer bank 98 submits an... bank 96 via the payment network 102 (step 3). The payment message includes a bank **identification number** for consumer bank 98, a bank **identification number** 38 for biller bank 96, the biller's BRN, the consumer's account **number** with biller, an amount to be paid, and an implicit guarantee of consumer bank 98... software. Another advantage is that the bill can be artistically designed to present an appearance **unique** to the biller. The bill 128 might be implemented simply as a static data structure... unit 112 might optionally digitally sign the bill and payment remittance information before transmission. A **digital signature** is often used to verify the source of information on a network such as the ... bill presentment and payment system in accordance with the invention, which is referenced generally by **number** 250.

System 250 differs from the system 110 described with respect to Fig. 4 in... 114 can periodically access the intermediary 252 for bills in his/her name or account **number**. The electronic transmission is carried out over the network 116.

The consumer reviews the bill... presentment and payment system in accordance with the 44 invention, which is referenced generally by **number** 260.

System 260 is essentially the same as system 250 described above with respect to... charge or fee each time a transaction is entered into or until a pre-set **number** of transactions are completed; and/or there may be a charge or fee based on... implementation of an abstract, object

oriented Cashier component to process payment requests by employing a **number** of replaceable software components or tools, means for generating an implementation of an abstract, object... implementation of an abstract, object-oriented Cashier Component to process payment requests by employing

a **number** of replaceable software components or tools in a framework, computer programming code generating an implementation...

Claims:

...receiving and storing in a first database

data for the first price with a **unique** identifier identifying the consumer, receiving and storing in a second database at least one second... implementation of an abstract, object-oriented Cashier component to process payment requests by employing a **number** of replaceable software components or tools, means for generating an implementation of an abstract, object... .. implementation of an abstract, object-oriented CashierComponent to process payment requests by employing a **number** of replaceable software components or tools in a framework, computer programming code generating an l...

1/3K/21 (Item 8 from file: 349) [Links](#)

PCT FULLTEXT

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00766119

A POINT-OF-SALE/SERVICE (POS) PORTAL

PORTAIL DE SERVICE/POINT DE VENTE (POS)

Patent Applicant/Patent Assignee:

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US; US(Residence); US(Nationality)

Legal Representative:

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94111-4187; US;

| | Country | Number | Kind | Date |
|-------------|---------|-------------|------|----------|
| Patent | WO | 200079496 | A2 | 20001228 |
| Application | WO | 2000US15369 | | 20000602 |
| Priorities | US | 99137575 | | 19990604 |
| | US | 99141380 | | 19990628 |
| | US | 2000480883 | | 20000110 |

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Detailed Description:

...problem becomes one of
achieving a scale that provides a potential advertiser with an adequate
number of consumer viewers such that the advertiser would pay for access
to them.

Turning to a different art, it is believed that worldwide point-ofsale (POS) locations **number** about seventeen million, eight million of which are in the United States. Retail POS sites... ..readers for debit, credit and EFT cards but also keypads for entry of

validating personal **identification** numbers (PINs).

On a somewhat orthogonal track, the cash registers evolved from paper-receipt generators...promotions, next-visit coupons, for example.

To rapidly delay these terminals and create a large **number** of I/O captive consumer minutes associated with a portal, these terminal may be heavily...

Claims:

...receipts. POS, point of sale. SIV, secure internet vault.

10TC, transaction computer. TUID, transaction-**unique** identifiers. DEFINITIONS Administrator: A manager of group users and users in sites. Administrator manager: A... A dictionary of rows. Transaction keys: The keys in a transaction that make the record **unique** from all others. In one embodiment of the data form, the transaction keys are the...payment, he swipes the card through the POS system 126 and enters his validating PIN **number**. After the form of payment has been accepted, the POS system 15 may ask... data form 140 for storage and for viewing using the client's personal computer 190. **Identification** of the customer may occur early in the transaction. This early **identification** may help target the contents for display to the identified customer. 25 DEVICES Web-Enabled ...bills, photographs, consumer data and billing information. The transaction records include receipts useable for tax, **warranty** or expense-report purposes. The legal documents include documents such as wills, insurance policies and... document, and a document (with or without an accompanying electronic signature) may have an authenticating **digital signature**. XML is an example electronic-text format. In securely maintaining all of these... port higher priority than the high-speed port is counter to the general tenets of **computer** science: Usually, the better use of the CPU 51 I/O cycles is to... for example, the electronic-receipts service may mask a portion(s) of a credit-card **number** or apply a grid over a signature. The I/O service may restrict access to... add an administrator, the administrator manager takes on the role of such an administrator. 27-- **Configuring a Site** The electronic-receipts service provides a new site with its site **identification** ("site ID"). The new site stores its site ID into a location that the machine may use when talking to the electronic-receipts service. The site may get the site ID manually (that is to say that the administrator himself seeks the site ID from the electronic-receipts service), or the site may get the site ID automatically. In the latter case, the site accesses an electronic receipts-service service. The machine contacts... such transaction-table name-value pairs may include the following: SiteGpID (the site group ID), SiteID (the site ID), 15 TUID1 and TUID2 (transaction **unique** identifiers), TranType (the transaction type), DeptID (the ID of the department where the transaction occurred), AcctType (the account type), AcctNum (the account **number**), ExprDate (the expiration date of the card), AuthCode (the authorization code), AuthSrc (the ID of the authorizer), MerchID (the merchant ID), DateStmp (stamped date and time), and Customer-Signature. The set of names also includes site ... at its option. The transaction type may be a sales, return or void. The department ID may be unspecified or one of a dictionary of department IDs. The account type may include credit card, cash, debit card, check, smart card or unspecified. The account **number** is the **number** of the customer's payment card, checking account, proprietary card, etc. The ID of the Authorizer is, for example, NPC, FirstData or unspecified. 29 The service maintains a... line-item-table name-value pairs may include the following: TUID1, TUID2, LineNum (the line **number** for each item in a transaction), Descr (the description of the item), SKU (stock keeping... to extract information such as customer-survey responses. At the other end, namely, at the **computer** 190, the electronic receipts or secure internet-vault services may display content (including graphics and targeted... the display. This second area is typically the I/O display 220 of the transaction **computer**. The data form 140 may divide

this second area so that multiple contents are visible... Where the payment is a credit card, the customer swipes the card through the transaction **computer** and signs electronically, allowing the TC to capture his signature. The POS system 126 forwards... the card through the TC of the POS system 126 and enters his validating PIN **number**. 36 After the form of payment has been accepted, the POS system masks the customer... all of his transactions. These transactions may include transactions from a merchant A and any **number** of merchant A's competitors. Likewise, advertising directed to the consumer may include I 0... your receipts (only the first 300 will be displayed). Passwot-dj[Contact Us] Merchant Card **Number** Card Type On/After Month: Day: Year. Date Range L. I I On/Before Month... My Main Page I Logout[My Receipts] Results[Offers/Event] Profile View Details Date Card **Number** Total **Number** Description Card Personnel /ours= I exaco V@isa Reminders AU3 I exaco Change T7997... Logout[My Receipts] Receipt 1 Offers/Event Date 1999/06/24 Amount \$137.44 Profile Card **Number** *****7003 Personnel Card Title Visa Reminders] Filene's Basement[Change Winn & Cambridge St. Password] Burlington... Mymai Page Logout I. Nly Receipts] Receipt[Offers/Event] Date 1999/06/24 Profile Card **Number** Amount \$137.44 [Personnel Card Title Visa Reminders] Filene's Basement[Change Winn & Cambridge St... encrypted for transmission to our secure data center Account Name On Card Account Type Merchant **Number**[4375200009@79@ Ch@i@Smitl Imaster Cardl @Jl none F37221425522700-IChris Smith JAMEX none 134576892000... Merchant applies to only frequent shopper cards. Cash receipt identifier code: 10123456789 Please enter a **unique** numeric identifier up to 11 digits. For example, this may be your phone **number**, driver's license, or a combination of phone **number** and plus last four digits of your social security **number**. You will be prompted for this identifier at the point of sale if you want... Main Page I Logout I Nly Receipts] Receipt 1 Offers/Event] Date 1999/05/20 Profile Card **Number** *..... 0476 Amount \$32.06 1 Personnel Card Title Discover Reminders KROGER Change Password-dj[Contact Us]... 00GA 7%- TAX A .30GA 3% TAX C .22TOTAL TAX .52TOTAL **NUMBER** OF ITEMS SOLD = 75/20/99 10:02 0324 10 0121 121 Total \$32... at an aggregate level, ReceiptCity users' product interests and reminders with merchants to count the **number** of users interested in certain products or shopping events. Your Internet Server Provider (ISP) address... are stored with any personal data that you have already provided. The provision of your **unique** identifying information (user name and password) assures that you will be the only person able... which records and reports aggregated information to advertisers. Examples of "aggregated" information would be the **number** of people who see an ad and the **number** of times people see the ad. The use of cookies also allows the ad-serving... ReceiptCity for me? Ans-We are currently populating the ReceiptCity site with transactions from a **number** of retailers in the San Francisco bay area. We are scheduling the arrival of receipts... ReceiptCity for me? Ans-We are currently populating the ReceiptCity site with transactions from a **number** of retailers in the San Francisco bay area. We are scheduling the arrival of receipts... Page I Logout 1.%. Iy Receipts] Receipt 1 Offers/Event] Date 1999/06/04 [Profile Card **Number** *****7003 Amount \$49.97 [Personnel Card Title Visa Reminders] Filene's Basement Change Winn & Cambridge... Logout[My Receipts] Offers/Event Receipt[Profile] Date 1999/05/22 Amount \$6.08 Personnel Card **Number** *****7003 Reminders] Card Title Visa [Change Password] Total \$6 . 08 [Contact Us] Copyright Q 1999...

1/3K/22 (Item 9 from file: 349) [Links](#)

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00762480

DISPLAYING COLOR ADVERTISEMENTS ON POINT-OF-SALES/SERVICE (POS) PLATFORMS
AFFICHAGE DE PUBLICITES EN COULEURS SUR DES PLATEFORMES DE POINTS DE VENTES OU DE SERVICES (POS)

Patent Applicant/Patent Assignee:

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US; US(Residence); US(Nationality)

Legal Representative:

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Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187; US;

| | Country | Number | Kind | Date |
|-------------|---------|-------------|------|----------|
| Patent | WO | 200075890 | A1 | 20001214 |
| Application | WO | 2000US15363 | | 20000602 |
| Priorities | US | 99137575 | | 19990604 |
| | US | 99141380 | | 19990628 |
| | US | 2000480883 | | 20000110 |

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Publication Language: English

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Fulltext word count: 18002

Detailed Description:

...problem becomes one of achieving a scale that provides a potential advertiser with an adequate **number** of consumer viewers such that the advertiser would pay for access to them.

Turning to a different art, it is believed that worldwide point-of-sale (POS) locations **number** about seventeen million, eight million of which are in the United States. Retail POS sites... readers for debit, credit and EFT cards

but also keypads for entry of
validating personal **identification** numbers (PINs).

On a somewhat orthogonal track, the cash registers evolved
from paper-receipt generators...

Claims:

...receipts. POS, point of sale. SIV, secure internet vault.

9TC, transaction computer. TUID, transaction-**unique** identifiers. DEFINITIONS Administrator: A manager of group users and users in sites. Administrator manager: A... A dictionary of rows. Transaction keys: The keys in a transaction that make the record **unique** from all others. In one embodiment of the data farm, the transaction keys are the... payment, he swipes the card through the POS system 126 and enters his validating PIN **number**. After the form of payment has been accepted, the POS system 14 may ask... data form 140 for storage and for viewing using the client's personal computer 190. **Identification** of the customer may occur early in the transaction. This early **identification** may help target the contents for display to the identified customer. DEVICES Web-Enabled Interactive... bills, photographs, consumer data and billing information. The transaction records include receipts useable for tax, **warranty** or expense-report purposes. The legal documents include documents such as wills, insurance policies and... document, and a document (with or without an accompanying electronic signature) may have an authenticating **digital signature**. XML is an example electronic-text format. In securely maintaining all of these... port higher priority than the high-speed port is counter to the general tenets of **computer** science: Usually, the better use of the CPU 51 I's cycles is to handle... for example, the electronic-receipts service may mask a portion(s) of a credit-card **number** or apply a grid over a signature. The 10 service may restrict access to... add an administrator, the administrator manager takes on the role of such an administrator.) 26--- **Configuring** a Site The electronic-receipts service provides a new site with its site **identification** ("site ID"). The new site stores its site ID into a location that the machine may use when talking to the electronic-receipts service. The site may get the site ID manually (that is to say that the administrator himself seeks the site ID from the electronic-receipts service), or the site may get the site ID automatically. In the latter case, the site accesses an electronic receipts-service service. The machine contacts the service, gives it its site ID name and requests a site ID. (The machine may encrypt the site ID before storing the same.)-- The Electronic-Receipts Storage Service The electronic-receipt storage service receives... for such transaction-table name-value pairs may include the following: SiteGpID (the site group ID), SiteID (the site ID), 15 TUID1 and TUID2 (transaction **unique** identifiers), TranType (the transaction type), DeptID (the ID of the department where the transaction occurred), AcctType (the account type), AcctNum (the account **number**), ExprDate (the expiration date of the card), AuthCode (the authorization code), AuthSrc (the ID of the authorizer), MerchID (the merchant ID), DateStmp (stamped date and time), and Customer-Signature. The set of names also includes site... at its option. The transaction type may be a sales, return or void. The department ID may be unspecified or one of a dictionary of department IDs. The account type may include credit card, cash, debit card, check, smart card or unspecified. The account **number** is the **number** of the customer's payment card, checking account, proprietary card, etc. The ID of the Authorizer is, for example, NPC, FirstData or unspecified. 28 The service maintains a... line-item-table name-value pairs may include the following: TUID1, TUID2, LineNum (the line **number** for each item in a transaction), Descr (the description of the item), SKU (stock keeping... to extract information such as customer-survey responses. At the other end, namely, at the **computer** 190, the electronic receipts or secure internet-vault services may display content (including graphics and targeted... the display. This second area is typically the I/O display 220 of the transaction **computer**. The data farm 140 may divide this second area so that multiple contents are visible... Where the payment is a credit card, the customer swipes the card through the transaction **computer** and signs electronically, allowing the TC to 25 capture his signature. The POS

system 126... the card through the TC of the POS system 126 and enters his validating PIN **number**.³⁵ After the form of payment has been accepted, the POS system masks the customer... all of his transactions. These transactions may include transactions from a merchant A and any **number** of merchant A's competitors. Likewise, advertising directed to the consumer may include 1 0... your receipts (only the first 300 will be displayed). Password I I Contact Us Merchant Card **Number** Card Type On/After Month: Day: Year: range I I @ F I I Date F... My Main Page I Logout I I I y Receipts I I 0 hers/Event I Results [Profile I View Details Date Carci **Number** Total Store **Number** Description -Card I I 'ersonnel Recelp T979TU=*****7=-SZ-.US418U6 i exaco VisaReminders I T@@ TTJ97 24 Amount \$137.44 [Profile j Card **Number** "*****70031 Personnel Card Title VisaReminders I Filene's Basement fChanne Winn & Cambridge St. Password I... Logout J. I I v Receipts I Receipt I 0 ifers/Event I Date 1999106/24 Amount \$137.44 I profile I Card **Number** [Personnel Card Title VisaReminders I Filene's Basement I Channe Winn & Cambridge St. Password I Burlington MA... encrypted for transmission to our secure data center Account Name On Card Account Type Merchant **Number** 'hris Smith ga'ster Card @, Jjnone143752000006704 [C I TFW @EX -1 I none137221425522700 I Chris Smith... Merchant applies to only frequent shopper cards. Cash receipt identifier code: 10123456789 Please enter a **unique** numeric identifier up to 1 1 digits. For example, this may be your phone **number**, driver's license, or a combination of phone **number** and plus last four digits of your social security **number**. You will be prompted for this identifier at the point of sale if you want... Main Page I Logout J. Nly Receipts I Receipt I 0 hers/Event I Date 1999/05120 I profile I Card **Number** *****0476 Amount \$32.06 I I 'ersonnel Card Title DiscoverRemintiers I KROGER [Change Password I SUNGOLD DRNK... 00GA 7% TAX A .30GA 3% TAX C .22TOTAL TAX .52TOTAL **NUMBER** OF ITEMS SOLD = 75/20/99 10:02 0324 10 0121 121 Total \$32... at an aggregate level, ReceiptCity users' product interests and reminders with merchants to count the **number** of users interested in certain products or shopping events. Your Internet Server Provider (ISP) address... are stored with any personal data that you have already provided. The provision of your **unique** identifying information (user name and password) assures that you will be the only person able... which records and reports aggregated information to advertisers. Examples of "aggregated" information would be the **number** of people who see an ad and the **number** of times people see the ad. 'Me use of cookies also allows the ad-serving... ReceiptCity for me? Ans-We are currently populating the ReceiptCity site with transactions from a **number** of retailers in the San Francisco bay area. We are scheduling the arrival of receipts... ReceiptCity for me? Ans-We are currently populating the ReceiptCity site with transactions from a **number** of retailers in the San Francisco bay area. We are scheduling the arrival of receipts... I Nly Receipts I Receipt [Offers I Evcrit I Date 1999/06/04 Amount \$49.97 [Profile I Card **Number** *****7003 I I 'ersonnel Card Title VisaReminders I Filene's Basement [Chance Winn & Cambridge St. Password I Burlington ... Logout [My Receipts I 0 ifers/Event I Receipt j Profile I Date 1999105/22 Amount \$6.08 j Personnel Card **Number** ... * 7003 Remintlers I Card Title Visa [Change Password I Total \$ 6. 0 8 [Contact Us] ff...

1/3K/23 (Item 10 from file: 349) [Links](#)
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00762425
AN ELECTRONIC-RECEIPTS SERVICE
SERVICE ELECTRONIQUE DE RECUS

Patent Applicant/Patent Assignee:

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| | Country | Number | Kind | Date |
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Detailed Description:

...problem becomes one of
achieving a scale that provides a potential advertiser with an adequate
number of consumer viewers such that the advertiser would pay for access
to them.

Turning to a different art, it is believed that worldwide point-ofsale (POS) locations **number** about seventeen
million, eight million of which are in the United States. Retail POS sites... ..readers for debit, credit and EFT cards
but also keypads for entry of

validating personal **identification** numbers (PINs).

On a somewhat orthogonal track, the cash registers evolved from paper-receipt generators...

Claims:

...receipts. POS, point of sale. SIV, secure internet vault.

9TC, transaction computer. TUID, transaction-**Unique** identifiers. DEFINITIONS Administrator: A manager of group users and users in sites. Administrator manager: A... A dictionary of rows. Transaction keys: The keys in a transaction that make the record **unique** from all others. In one embodiment of the data farm, the transaction keys are the... payment, he swipes the card through the POS system 126 and enters his validating PIN **number**. After the form of payment has been accepted, the POS system 14 may ask f... data farm 140 for storage and for viewing using the client's personal computer 190. **Identification** of the customer may occur early in the transaction. This early **identification** may help target the contents for display to the identified customer. DEVICES- Web-Enabled Interactive... bills, photographs, consumer data and billing information. The transaction records include receipts useable for fax, **warranty** or expense-report purposes. The legal documents include documents such as wills, insurance policies and... document, and a document (with or without an accompanying electronic signature) may have an authenticating **digital signature**. XML is an example electronic-text format. In securely maintaining all of these documents important... port higher priority than the high-speed port is counter to the general tenets of **computer** science: Usually, the better use of the CPU 51 I's cycles is to handle... for example, the electronic-receipts service may mask a portion(s) of a credit-card **number** or apply a grid over a signature. This service may restrict access to user information... add an administrator, the administrator manager takes on the role of such an administrator.) 26-- **Configuring a Site** The electronic-receipts service provides a new site with its site **identification** ("site ID"). The new site stores its site ID into a location that the machine may use when talking to the electronic-receipts service. The @ite may get the site ID manually (that is to say that the administrator himself seeks the site ID from the electronic-receipts service), or the site may get the site ID automatically. In the latter case, the ...service. The machine contacts the service, gives it its sitename and requests a site ID. (The machine may encrypt the site ID before storing the same.)-- The Electronic-Receipts Storage Service The electronic-receipt storage service receives... for such transaction-table name-value pairs may include the following: SiteGpID (the site group ID), SiteID (the site ID), TUID1 and TUID2 (transaction **unique** identifiers), TranType (the transaction type), DeptID (the ID of the department where the transaction occurred), AcctType (the account type), AcctNum (the account **number**), ExprDate (the expiration date of the card), AuthCode (the authorization code), AuthSrc (the ID of the authorizer), MerchID (the merchant ID), DateStmp (stamped date and time), and Customer-Signature. The set of names also includes site ... at its option. The transaction type may be a sales, return or void. The department ID may be unspecified or one of a dictionary of department IDs. The account type may include credit card, cash, debit card, check, smart card or unspecified. The account **number** is the **number** of the customer's payment card, checking account, proprietary card, etc. The ID28 of the Authorizer is, for example, NPC, FirstData or unspecified. The service maintains a... line-item-table name-value pairs may include the following: TUID1, TUID2, LineNum (the line **number** for each item in a transaction), Descr (the description of the item), SKU (stock keeping namely, at the **computer** 190, the electronic receipts or secure internet-vault services may display content (including graphics and targeted... area of the display. This second area is typically the display 220 of the transaction **computer**. The data farm 140 may divide this second area so that multiple contents are visible... Where the payment is a credit card, the customer swipes the card through the transaction **computer** and signs electronically, allowing the TC to capture his signature. The POS system 126 forwards... card through the TC of the POS system 126 and enters his validating PIN **number**.

35After the form of payment has been accepted, the POS system masks the customer...all of his transactions. These transactions may include transactions from a merchant A and any **number** of merchant A's competitors. Likewise, advertising directed to the consumer may include advertising from... record with details of said transaction, said details including one of date, time, amount, merchant **identification**, merchant's store **identification**, merchant's store cash-register **identification**, merchant's cashier **identification**, payment type, payment card **number**. payment-card expiration date, line items, line-item prices, transaction total, transaction keys, transaction type...record with details of said transaction, said details including one of date, time, amount, merchant **identification**, merchant's store **identification**, merchant's store cash-register **identification**, merchant's cashier **identification**, payment type, payment card **number**. payment-card expiration date, line items, line-item prices, transaction total, transaction keys, transaction type...your receipts (only the first 300 will be displayed). Passwol-djl Contact Us Merchant Card **Number** Card Type On/After Month: Day: Year. Date Range L 170 it/Before Month: Day... Main Page Logout Nly Receipts 10 others/Event Results [Profile View Details at Card **Number** total store **Number** Description ICEF7@ Personnel I KeCelp I 1999yU51Z2J*vw"O - - IOU3 I S6.Ubj41hU6 I I exaco V... Page Logout Nly Receipts Receipt 10 others/Event Date 1999106124 Amount \$137.44 [Profile Card **Number** ***@*70031 Personnel Card Title visaReminders] Filene's Basement [Change Winn & Cambridge St. Password... My Main Page Logout Nly Receipts Receipt 10 others/Event Date 1999106/24j Profile Card **Number** Amount \$137.44 Personnel Card Title VisaReminders Filene's Basement Change Winn & Cambridge St ...encrypted for transmission to our secure data center Account Name On Card Account Type Merchant **Number** is Smith FM@aster @Card k11.none.@-@2270@ J11- -I Chris Smith-IFrequent Sho'p'per... Merchant applies to only frequent shopper cards. Cash receipt identifier code: 10123456789 Please enter a **unique** numeric identifier up to 11 digits. For example, this may be your phone **number**, driver's license, or a combination of phone **number** and plus last four digits of your social security **number**. You will be prompted for this identifier at the point of sale if you want... My Receipts Receipt 10 others/Event Date 1999/05120 Amount \$32.06 Profile Card **Number** ***@****04761 Personnel Card Title DiscoverReminders] KROGER Change Password SUNGOLD DRNK B \$1.19 ... 00GA 7% TAX A .30GA 3% TAX C .22TOTAL TAX .52TOTAL **NUMBER** OF ITEMS SOLD a 75/20/99 10:02 0324 10 0121 121Total...at an aggregate level, ReceiptCity users' product interests and reminders with merchants to count the **number** of users interested in certain products or shopping events. Your Internet Server Provider (ISP) address... are stored with any personal data that you have already provided. The provision of your **unique** identifying information (user name and password) assures that you will be the only person able... which records and reports aggregated information to advertisers. Examples of "aggregated" information would be the **number** of people who see an ad and the **number** of times people see the ad. The use of cookies also allows the ad-serving... ReceiptCity for me? Ans-We are currently populating the ReceiptCity site with transactions from a **number** of retailers in the San Francisco bay area. We are scheduling the arrival of receipts... ReceiptCity for me? Ans-We are currently populating the ReceiptCity site with transactions from a **number** of retailers in the San Francisco bay area. We are scheduling the arrival of receipts... IN-ly Receipts Receipt 10 others/Event Date 1999/06/04 Amount \$49.97j Profile Card **Number** """"70031 Personnel Card Title VisaReminders Filene's Basement Change Winn & Cambridge St. Password... jMv Receipts 10 others/Event Receipt [Profile Date 1999/05r22 Amount \$6.081 Personnel Card **Number** sw****&@70031 Reminders Card Title Visa Change Password-di Total \$6.081 Contact Us Copyright...

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00761432

**METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT
FEATURES AND CUSTOMER PROFILE**

**PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES
D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS**

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Detailed Description:

...required for implementation of technology in accordance with
one embodiment of the present invention;

Figure **ID** is a flowchart illustrating the method of prioritizing components of a system that are required...described above in operation 32. Then, referring to Figure 1M, each vendor is assigned a **unique** indicia coding. Each of the components provided by a vendor service is indicia coded to... components are in place may be distinguished from the primary components by having indicia coding **unique** with respect to the indicia coding of the first components, and likewise for tertiary components... a second phase are selected and presented by indicia coding the same in a manner **unique** with respect to the indicia coding of the first set of components. Such second set... analysis is accomplished in operation 45a of Figure IF-1 by assigning each vendor a **unique** indicia coding. In operation 45b, a database is created that includes all of the products...may be implemented.

1 3

As stated above, various vendors may be represented by a **unique** corresponding indicia coding, i.e. color, for differentiation purposes. As such, one may assess vendors... indicia coded on the pictorial representation, in operation 52 of Figure 1H, but with a **unique** indicia coding.

In operation 51d, components of the existing system that are used for supporting... of the database. These components are indicia coded on the pictorial representation, also with a **unique** indicia coding, in operation 53 of Figure 1H.

1 5

Further, the present invention may...represented in this example as Business I, Business2, and Business3. Each business entity has a **unique** indicia coding, as shown in the legend.

Indicia coding is provided in each component box... provides more detail as to the services provided by each entity.) Each service has a **unique** indicia coding, as shown in the legend. Indicia coding is provided in each component box...auditable transaction log. Privacy of all data is protected through the use of encryption and **digital signatures**.

Merchants offer goods and services for sale on the Internet using applets which adhere to... allows the use of electronic checks for 1.8 transactions. Business I echeck server verifies **digital signatures**, processes checks according to the business rules of the bank (e.g. a check over ... a software product

2 that enables efficient network resource management. By nt

preventing a small **number** of applications or users from

Tools consuming all available bandwidth, it ensures the quality of ...Art Technology Group's Dynamo server

Business3server is used extensively on BusinessYs sites and a

number of other Internet sites including the following: primehost.com,

BusinessIcom, digitalcity.com, tile.net, am... a preferred embodiment having a central processing unit 70, such as a microprocessor, and a **number** of other units interconnected via a system bus 71. The workstation shown in Figure 2A...It interfaces with the Architecture team to provide answers to questions from developers. To

48

id adding overhead to the issue resolution process, the support group must be staffed

avol I...Repository Management, Folder Management and, where applicable, Object Management and Media Content Management.

Since a **number** of teams rely on the service provided by the information management team, it is important...in its own folder.

Choosing the strategy depends on how components are named, on the **number** of components, and on the tools used. If naming standards make it easy to identify... ..backing up redundant or misplaced files and then removing them.

Media Content Management (106)

The **unique** nature of media content means that it cannot be treated in the same way as...It is based on the concept of stage containment (enforcing for a given deliverable the **identification** of the problems before it goes to the next stage) and entry and exit criteria... ..per function

1 5 0 User satisfaction per function

Code complexity

Code structure

Productivity

Average **number** of defects per design packet at the moment construction starts

Average **number** of defects per program at the time of its first migration to system test

Once...the new business capability.

Program Management consists of three major activities, each split into a **number** of task packages.

a) Plan Program

0 0610 - Understand Program Expectations

0 0620 - Plan Management... ..all other teams within the development environment.

Project Management comprises a single activity containing a **number** of task packages.

a) Plan and Manage Project

0 0920 - Plan Project Execution

0 0940... ..sample packaging strategy would take into consideration some of the following factors in determining a

unique method to handle a given configuration packet in terms of version, change, and migration

control...illustrations, the more flexible a release plan, the more complex the development environment. As the

number of development pipelines increase, the complexity of working in the development environment also

increases. All... ..simpler than the production environment. It is, for example, generally smaller in terms of the

number of hardware components and the **number** of locations. In other respects, however, the development

environment is more complex. For example, the...0 Failure control

Security management

Staffing considerations

74

Production Control

In the development environment, a **number** of activities must be performed according to schedule, including.

Reorganization of databases, including the repository...significant portion of the application architecture (data access

components and firewalls). The process involves a **number** of stages.

Package or Component Selection

Component Customization

Component Interfacing

85

Standards and Procedures

A... ..gathering and transformation of information is complete and correct.

As automation progresses and an increasing **number** of business processes are supported by computer systems, system test is changing in nature. Firstly...business case is achieved is still needed. The size of the team depends upon the **number** of users and the degree to which tools can collect and report the data. ne...offers the advantage of being able to coordinate events that require the participation of a **number** of people automatically by checking 'group availability' rather than checking with each person individually. These... ..infrastructure and this must be anticipated. This type of implementation is also based on a **number** of different, emerging standards. The video conferencing system should be designed with that fact in... unsecured channel such as the Internet.

0 Public key infrastructure - provides public-key encryption and **digital signature** services. The purpose of a public-key infrastructure is to manage keys and certificates. A PKI enables the use of encryption, **digital signatures**, and authentication services across a wide variety of applications.

0 Authentication system - provides a business... ..being audited by the tool. The audit logs should be able to optionally record User **ID**, time-of-day, location of access, successful and unsuccessful access or change attempts, etc.

101...in the repository in a controlled manner. Most engagements consider using a repository once the **number** of developers exceeds ten.

d) Is the development team geographically dispersed?

An Information Management repository... ..a means of communication that is formal and enforces the agreed interfaces.

e) Do a **number** of tools need to be integrated?

A repository management tool may be required to provide...tools with the repository considerably easier and less time consuming.

Flexibility is important if a **number** of point tools are to be used in the development process as opposed to using an...repository must be performed by the Technology Infrastructure team. This was

108

achieved on a **number** of projects that chose a "best-of-breed point tool" approach where they integrated these... ..asset management systems, capable of indexing and manipulating numerous multimedia data types. There are a **number** of key requirements for Media Content Management - in particular, a Media Content Management system should...focus and continuous improvement. Quality Management tools support the definition and implementation of quality.

A **number** of integrated Quality Management tools are available that may combine the functionality of all the...

...the measurement or outcomes of that process are unsatisfactory. Process improvement is required whenever the **number** of defects exceeds the desired level, productivity falls below a desired threshold, or client expectations...
...whether to use CBT, online, paper-based or instructor-led training is affected by the **number** of people that have to be trained, the complexity of the subject, and the availability...change control, and migration control.

As the size of the application increases so does the **number** of objects, files, or components. The management of these items becomes increasingly difficult to manage... ..d) Is the development effort to be sustained over a prolonged period?

Over time, a large **number** of configurations will evolve and Configuration Management tools can be used to control the evolution and to document these configurations.

e) Is there a large **number** of components?

It may be necessary to keep track of and control configurations consisting of... ..materials, documentation, hardware components, system software and even building characteristics. The existence of a large **number** of such components makes the task of managing their configurations complex, and a dedicated Configuration... ..the Configuration Management component may consist merely of a whiteboard or Excel spreadsheet. As the **number** of modules grows to about 1000, a dedicated tool is required.

h) Do the generations...to develop one full sequence at a time and increases the ability of a large

number of people to work productively together, thus compressing the time required to develop a system... ..can be an increased cost in disk space in the development environment (because of the **number** of versions of each module that must be kept) and can lead to some human...prevent concurrent or unauthorized updates to them or their dependents becomes very intricate as the **number** of components reaches 1000. Migration control tools can be used to improve productivity by facilitating... ..The complexity of the Netcentric world with so many integrated vendor solutions dramatically increases the **number** and variations of object types.

b) Does the tool facilitate the migration of many components together... ..individually?

Migration from a development environment to a system test environment either involves a large **number** of components (migration of all the components belonging to a test cycle) or single components... ..tool should be easy to learn and use. Using a pull strategy may decrease the **number** of people required to know how to use the tool.

Release Management

Release Management tools...DLT, various tools etc.).

The time required for backups must also be considered. Usually the **number** of hours without development per day decreases over time and if backups can only be... ..being audited by the tool. The audit logs should be able to optionally record User **ID**, time-of-day, location of access, successful and unsuccessful access or change attempts, etc.

c...helps build quality into the system. The goal of stage containment is to minimize the **number** of errors being passed to the next stage. For the purpose of stage containment, problems...in a consistent definition and usage of data. For example, all applications that require customer **number** will use the standard name and attribute length defined in the data model. Database administrators... ..in the data model (and ultimately in the database). However, there is usually a significant **number** of other data definitions which will never appear in the database, and whose definition is...models to be broken down into smaller more

manageable and understandable models while still maintaining **unique** object definition.

This is particularly important for large teams where data modeling is divided among...must have at least one input flow associated with it. The tool should facilitate the **identification** of exceptions to these general rules.

139

i) Is a detailed process model with complex processes to...diagrams may be required to complete the model.

d) Is the system complex?

As the **number** of events increases, the complexity of the event model increases and the diagrammers may need...terms of tools, a class or library browser is required, which allows easy navigation and **identification** of candidate components and classes.

In many cases, there can be a mismatch between design...is to be used by dedicated people where the measure of productivity is solely the **number** of transactions they can get through per second, then user interface prototyping tools are important...of functions across client and server.

Application Logic Design functionality is also provided by a **number** of Integrated Development Environments (IDEs).

With component-based development, Application Logic Design is performed through...the case where multiple teams are designs.

d) Does the database include a very large **number** of tables and elements?

Navigation through a large **number** of tables is complicated and can be simplified significantly if dedicated database design tools are...Is multi-language support a consideration?

Special characters, differences in field lengths, and differences in **number** formats are some of the things that contribute to the complexity of a multi-language...a smoother conversion, with less disruption to business

Each system is designed to meet the **unique** requirements of its users, and therefore benefits from a different mix of testing techniques. In...on computer networks to conduct system evaluations. Remote testing enables developers to test a large **number** of users efficiently and without incurring travel expenses.

162

Reverse Engineerin (130)

Reverse engineering tools...the source code generating the error can be viewed simultaneously.

Symbolic source code enables easier **identification** of where errors occur.

Preferably, the debugger should ...to isolate developers from the technical environment as much as possible?

b) Are there a large **number** of developers which makes it difficult to enforce standards and consistency among developers?

Generators are...shielding the developers from many complexities of the technical environment.

c) Are there a large **number** of developers or a large amount of code?

d) Can significant time be saved by... 136)

Testing applications (client/server or Netcentric) remains a complex task because of the large **number** of integrated

components involved (for example, multiplatform clients, multiplatform servers, multitiered applications, communications, distributed processing, and 1 5 data), which, in turn, results in a large **number** and variety of Testing tools.

For any large scale testing effort, it is vital to... ..the impacts of change and to document the state of system test. For example, the **number** of outstanding SIRs per cycle can easily be provided based on these relationships.

In some... ..may have an impact on the way in which testing should be performed.

5 A **number** of firm initiatives have conducted considerable research into the field of testing.

Year 2000 Testing...The type of system development approach to be considered is.

Maturity of the testing process

Number of technical platforms

b) What testing toolfactors should be considered when automating Test Execution? RTP... ..Automation Strategy -

Version 1. 1. Application factors to be

aval

considered include.

Application life expectancy

Number of planned releases

0 Use of application software packages

Frequency ...Starting point of automation in the development life cycle

0 Scope of the test automation

Number of passes per test cycle

e) nat testing team factors should be considered when automating... ..testing team

Performance Management

Performance Management tools support application performance testing. Owing to the large **number** of components in modern systems, performance modeling can be a complex task and requires tools...less powerful tools due to their placement.

Will the solution be manual or automated?

A **number** of functions could be managed manually, especially if the functions are not directly related to... ..run independently from the systems tools and may only need to run on a limited **number** of systems.

g

Integration with other Functions

Integration between some of the functions is highly desirable. Integrated toolsets offer integrated functionality across a **number** of functions, thus simplifying the interfaces between them (e.g., data will automatically be consistent... ..for machines, databases, telecommunications lines, etc. Alternatively, experience from previous engagements can provide useful input.

Number of Usersfor the Tool

Users may not be limited to the **number** of support personnel accessing a tool alone.

Keep in mind that users of the tools... ..be support personnel, vendors, users, senior managers, etc.

1/3K/25 (Item 12 from file: 349) [Links](#)

PCT FULLTEXT

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00420126

MOVING PICTURE CAMERA WITH UNIVERSAL SERIAL BUS INTERFACE

CAMERA A IMAGES ANIMEES DOTEE D'UNE INTERFACE DE BUS SERIE UNIVERSELLE

Patent Applicant/Patent Assignee:

- WINBOND SYSTEMS LABORATORY INC;

;;

| | Country | Number | Kind | Date |
|-------------|---------|-----------|------|----------|
| Patent | WO | 9810587 | A1 | 19980312 |
| Application | WO | 97US16486 | | 19970828 |
| Priorities | US | 96708388 | | 19960904 |

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 8334

Detailed Description:

...the processor 28, the bit rate of the video signal may be adjusted in a **number** of ways. For instance, the resolution or frame rate may be decreased.

Alternatively, the video may be encoded according to one of a **number** of encoding standards including ITU's (International Telecommunications Union) H.261, H.262, or z...expansion card 19. Thus, a novice user may find it difficult to install and to **configure** the camera 12. Moreover, for many systems 20, the **warranty** on the **computer** is voided if the **computer** housing 21 is opened by the user.

The camera 12 is well suited for non...signal representative thereof. The video signal is converted to digital form in ADC 113. The **digital signal** outputted from ADC 1 5 1 1 3 is received at a bit rate reduction...I Dav oqi) g I I 1!nojio uotionpai alui j!q otp jsnfpu/ureiSo-**id** oi posn 3q two si;Djsuujl -elup qonS -juu2islQJSIM.1j 14UP Qlqj PUU JEUSTS Oap...can be connected to the USB 200, The audio signal can be restored by a **number** of devices, such as the processor 128. The restored audio signal is then outputted via...

Claims:

...and connected to said bus, said first interface circuit comprising a serial port for receiving **digital signals**, that are transmitted according to a predefined communications protocol, originating outside I 0 said first...

1/3,K/26 (Item 1 from file: 636) Links

Gale Group Newsletter DB(TM)

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04083375 Supplier Number: 53680692 (USE FORMAT 7 FOR FULLTEXT)

Notebook Security: IBM Unveils Industry's First Notebook PCs With Radio Frequency-based Security.(ThinkPad 770Z and 600E notebook PCs)(Product Announcement)

EDGE: Work-Group Computing Report , p NA

Feb 1 , 1999

Language: English **Record Type:** Fulltext

Article Type: Product Announcement

Document Type: Newsletter ; Trade

Word Count: 1261

(USE FORMAT 7 FOR FULLTEXT)

Text:

...in secure computing solutions by introducing the industry's first notebook PCs available with Asset ID, IBM's radio frequency-based security and asset tracking technology. The new ThinkPad 770Z and 600E notebook PCs available with Asset ID provide companies with unparalleled security protection, while also allowing them to rapidly deploy systems to employees and conveniently track their notebook PC inventory. IBM's Asset ID solution combines a radio frequency (RF) ID tag and a handheld RF scanner to read and store vital information about every Asset ID-enabled ThinkPad 770Z and 600E in a company's inventory -- even if the notebooks are unplugged or still in their cartons. This helps protect valuable mobile **computer** assets from theft or unauthorized removal from a company premises. If the system is removed without authorization through a door or passageway protected by an RF sensor, IBM Asset ID will automatically cause the ThinkPad to become password-protected. This prevents the viewing or theft...

...chief technology officer, IBM Personal Systems Group. Announced last year for IBM desktop PCs, Asset ID helps security personnel keep close track of computers to combat theft, while reducing security paperwork and time-consuming bag searches at security checkpoints. For systems administrators, Asset ID eliminates many costly, time-consuming manual steps involved in today's system deployment, inventory and tracking processes. Asset ID stores valuable information about each system, including software **configuration** and the serial numbers of key components. Asset ID also holds a **number** of blank fields, so administrators can customize information to fit a company's specific needs ...

...protection, data encryption and decryption technology for e-business transactions and confidential e-mail and **Digital Signature** to authenticate parties participating in e-business initiatives through the Internet. The Smart Card Security Kit is priced at \$199. "With average annual losses from **computer** hardware theft rising to nearly \$8

billion last year, companies of all sizes are increasingly...

...s new radio frequency and smart card security solutions will help companies arm themselves against **computer** and data theft, protecting their investments." In addition to the added security features, the new...

...The ThinkPad 770Z models are designed for users that require the ultimate workstation-level notebook **computer**. Expanding its reputation as the benchmark for high-end notebook computers, the 770Zs provide power users with stellar performance, multimedia, connectivity and **configuration** flexibility. The new systems feature large 14.1-inch XGA or 13.7-inch SXGA...

...for engineering, financial and other graphics-intensive applications. The new ThinkPad 770 models can be **configured** with a maximum of 320MB of memory, and include a DVD drive, 8MB of video IBM resellers. Asset **ID**-enabled models are available through resellers that participate in IBM's Authorized Assembler Program (AAP), in which ThinkPads are offered in a variety of custom **configurations** to meet customer needs. The modular design of the new ThinkPads facilitates channel assembly and...

...IBM to offer 12-hour depot repair service on these systems. A three-year limited **warranty** is standard. IBM also unveiled mobile options to expand the functionality of the new 770Z...

...disk drive storage options available to ThinkPad customers. For added convenience, users can choose to **configure** their ThinkPads with the new drives at point of purchase. The new drives are equipped...

...ThinkPad 600E models ensures continual performance while working remotely. For more information on IBM Asset **ID** technology, visit <http://www.ibm.com/pc/us/infobrf/assetidor> <http://www.ibm.com/pc...>

1/3,K/27 (Item 2 from file: 636) Links

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02510787 **Supplier Number: 45048404 (USE FORMAT 7 FOR FULLTEXT)**

NEW IBM THINKPADS PACK POWERFUL MULTIMEDIA AND GLOBAL COMMUNICATIONS INTO A MOBILE COMPUTER

M2 Presswire , p N/A

Oct 7 , 1994

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 1398

(USE FORMAT 7 FOR FULLTEXT)

Text:

...7 November 1994-NEW IBM THINKPADS PACK POWERFUL MULTIMEDIA AND GLOBAL COMMUNICATIONS INTO A MOBILE **COMPUTER** (C)1994 M2 COMMUNICATIONS LTD
RDATE: 171094 Built-in CD-ROM and telephone Putting more flexibility and choice into the hands and briefcases of mobile **computer** users, IBM Corporation today announced new models of IBM ThinkPad* systems, the industry's most...

...and support, sporting technical support through IBM Helpware* and up to a three year international **warranty** service. "The IBM ThinkPad has leadership technology, impeccable quality and award- winning design which makes it the most desirable mobile **computer** on the market," said Gary Milner, marketing Manager of mobile computing. "Today's announcement clearly reaffirms ThinkPad's reputation as the mobile **computer** that everyone would want to own. Our emphasis is on higher performance, advanced function and solutions". The ThinkPad 755CD is a **unique**, innovative mobile multimedia solution with a built-in, full-sized CD-ROM, stereo speakers, enhanced...

...and 810 millionbytes (MB), and an integrated math co-processor that makes intensive spreadsheet of **computer**-aided design applications a lot faster. A complete solution With exclusive IBM technology, the ThinkPad ...

...and 755CD are packed with important features, such as: * a fully-functional and expandable Mwave* **Digital Signal** Processor (DSP), which provides built-in, high-speed data/fax modem (subject to country-PTT...

...IRDA (Infrared Data Association) standards, whilst offering a ten times enhancement in data transfer. * an **upgrade** of IBM's acclaimed keyboard-based, pressure-sensitive pointing device, the TrackPoint III* -- now with...

...enhancement to the ThinkPad modular floppy disk drive bay, featuring an

intelligent bus that automatically **configures** itself to accept options such as PCMCIA cartridge. Multiultimedia Ready The IBM ThinkPad 755CD integrates...machine. However, even without docking stations, the new ThinkPads are easily used as a primary **computer** system. Plug and Play Ease Achieving Plug and Play simplicity is easy when using the Thinkpad system's Personal **Computer** Memory card inter -national Association (PCMCIA) slots. All ThinkPads are preloaded with the IBM PC Card Director* utility, which automtically **configures** many PCMCIA cards and automates the launches of applications. PC Card Director also gives the...

...and growth flexibility of industry-standard PCMCIA slots. IBM ThinkPad 360 and 755 Series are **configured** with a Type III slot, capable of hawing one Type III or two Type I or II cards. In addition, users of the new ThinkPad 755 models can increase the **number** of available PCMCIA slots with a new option, the ThinkPad PCMCIA Cartridge, like previous ThinkPad...

...Service and Support The new Thinkpad 755 models come with a three-year international limited **warranty** service, honoured wherever IBM or IBM remarketers sell and/or service IBM PC products, currently...

...the x86 architecture in August 1981 and helped to spawn the @ti-billion dollar personal **computer** industry. Today, the company develops, manufactures, markets and distributes a variety of PCs -- from subnotebooks ...

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